



THE LEPIDOPTERISTS' SOCIETY

COMMEMORATIVE VOLUME

1945 — 1973

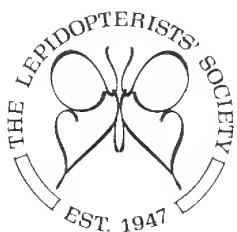
THE LEPIDOPTERISTS' SOCIETY
COMMEMORATIVE VOLUME

1945 — 1973

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FOREWORD

Sheldon Remington and William Clench were boyhood friends in Boston in the years just before the first World War, and they shared an active interest in collecting butterflies. In the due course of time they grew up, went their separate ways, married, had children. Though it was often pushed to the background, that interest in butterflies was never



*P. Sheldon Remington and son Charles L.,
out for a walk in St. Louis, Missouri, 1924.*

*Harry K. Clench, at age 1, surveying
the area for lycaenids.*

wholly lost. Years later Sheldon passed it on to his son, Charles; and William passed it on to his son, Harry (me).

Charles grew up in St. Louis, Missouri, and took his undergraduate work at the Principia College in Elsah, Illinois, while I grew up in Boston. Our mutual interests drew us into correspondence. Eventually - right after World War II - Charles and his wife, Jeanne, arrived in Cambridge, so that Charles could begin graduate studies at Harvard. I was then in my second undergraduate year, at Cambridge Junior College.

We lost no time getting together, and soon found that we had a lot more in common than fathers who had been boyhood companions. We were both deeply interested in butterflies. We both wanted to make the study of Lepidoptera our profession. We each had a wide circle of friends and correspondents many of whom, like ourselves, were amateur lepidopterists. Most of them were older and wiser than we, and much of what we knew we had learned from them. Yet at the same time we felt that some amateurs, with no guidance in what was scientifically useful, were misdirecting their efforts. In short, we believed that amateur and professional each had much to teach, and much to learn from, the other, if only some way could be found to bring them together.

The idea of a society of lepidopterists we had each mulled over a bit before we had met. Once together our bull sessions, whether in the Clench kitchen on Avon Hill Street or in the Remington office in Harvard's Biological Laboratories, tended more and more to that topic. We found it easy to agree, for our thoughts were much the same: we wanted an organization that would appeal to both beginner and seasoned veteran, to both amateur and professional; we wanted it to set high standards by example (nor were we averse to an occasional bit of preaching); and we wanted it to be a means for exchanging ideas and information among lepidopterists of all degrees of experience and expertise.

Our first concerted step in forming a society was to draft an "Aims of Organization," to summarize, for our own guidance, our basic policy and the content of our hoped-for journal. Then, in March 1947, we prepared and mailed to many Lepidopterists a letter announcing our new organization and soliciting members:

Cambridge, Massachusetts
24 March 1947

Dear Fellow Lepidopterist:

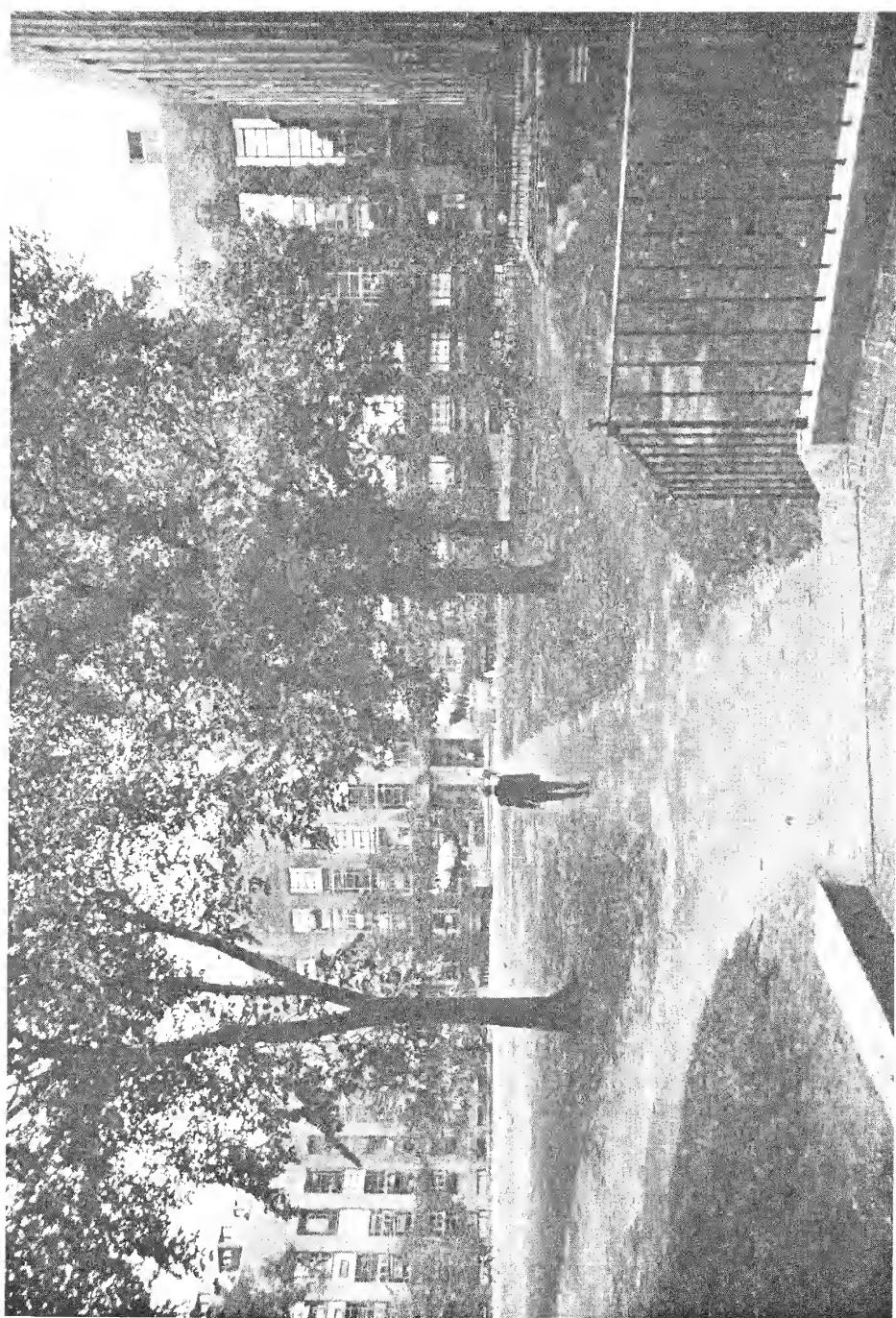
This letter is our announcement of the organization of a new association which will have the title The Lepidopterists' Union. Although no effort will be made at the outset to contact foreign entomologists, membership in the Union is open to anyone interested in the study of Lepidoptera, which certainly includes you.

You will want to know something about the Union, and we can begin by quoting the "Aims of Organization" from the initial draft of the plan of establishment:

"To promote the scientifically sound and progressive study of Lepidoptera by: (1) distributing a periodical on Lepidoptera; (2) facilitating the exchange of specimens and ideas by both the professional worker and the interested amateur in the field."

For the present the periodical will be mimeographed and distributed monthly. The organization is strictly non-profit and the number of pages sent out per year will depend entirely on the amount of membership dues, which will be spent for paper, postage, envelopes, and other supplies and a small sum for the labor employed to do the mimeographing and addressing. The periodical will contain reviews of all pertinent papers on Lepidoptera, especially North American Rhopalocera, notes submitted by you on collecting, rearing, and handling of specimens, an exchange notice column, and articles on special subjects of interest to lepidopterists written by specialists, at first principally the two editors. Papers belonging in published journals will not be included. Although the periodical will begin in mimeographed form, it will be presented in a dignified style, and "newsy chatter" and the so-called "amateurish approach" will be avoided. We feel that writing of this sort has materially decreased the value of previous attempts at a periodical for Lepidopterists in the United States.

The first number will be mailed early in May and



another number will follow each month. For this first year the dues will be only one dollar (\$1.00), for which you will receive one number for each of the last eight months of 1947, beginning with May. In addition, a list of names, addresses, and specialties of all members will be sent out to members probably late in the year.

We cordially invite your participation by enrolling as a charter member now. To do so, merely return the enclosed card with your name, address, and special interest in entomology, with the \$1.00 dues. We know that we have missed the names of many would-be members, so please list on the reverse side of the card the names and addresses of Lepidopterists whom you suggest for membership. We also invite comments and queries from you concerning any phase of the Lepidopterists' Union. One dollar is the minimum and your generosity in sending more will permit more pages for circulation. Checks should be made out to "Charles L. Remington, Treasurer."

Charles L. Remington
and Harry K. Clench

The Lepidopterists' Union
48 Avon Hill Street
Cambridge 38, Mass.

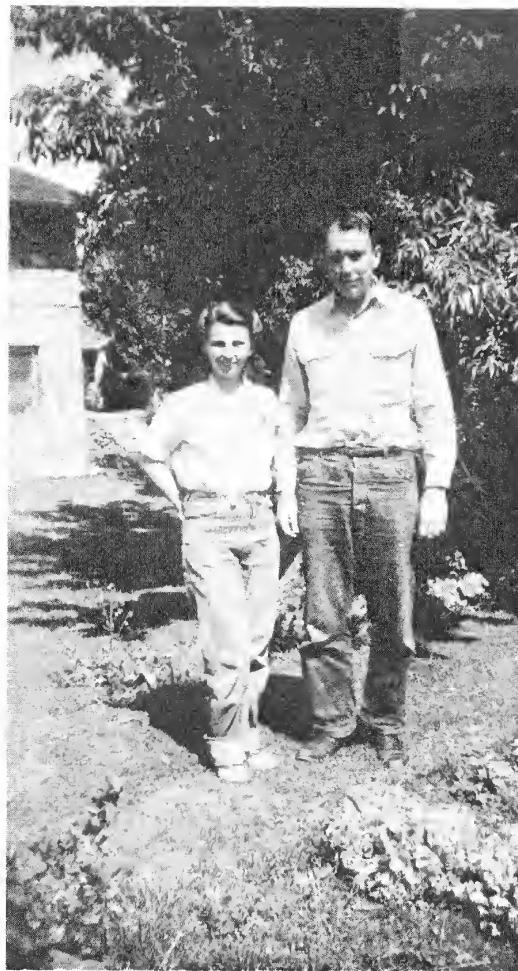
(We had proposed to call the organization "The Lepidopterists' Union," in frank imitation of the British and the American Ornithologists' Unions and the American Malacological Union. So many of the recipients of our letter commented unfavorably on the term "Union," as generally inappropriate in the light of its present-day connotations, that we changed the name to "The Lepidopterists' Society.")

Response to the letter was gratifying. The society, to coin a phrase, was an idea whose time had come. In May the first number, a modest operation indeed, rolled off the presses. The masthead had been printed for us by Howard Allegeier of the Harvard Botanical Museum press; the printing was done on the mimeograph machine of the Harvard Biological Laboratory; Jeanne Remington did the careful stencil

← *Biological Laboratories, Harvard University, Cambridge, Mass., birthplace of The Lepidopterists' News/Journal.*

typing; Charles and I wrote the copy.

We continued to work together until the end of the summer. Then I had to leave for Ann Arbor to attend the University of Michigan. From that time my participation was reduced to writing an occasional article, and the active conduct of the society and its journal were entirely in the hands of Jeanne and Charles.



Jeanne and Charles Remington enjoying the hospitality of Don and Mary Jane Eff at their home in Boulder, Colorado, in July 1949.

Right here let me point out something important. Organizations of lepidopterists have come and gone over the years. Why has the Lepidopterists' Society succeeded where others failed? The reasons are probably many, but two in particular deserve notice.

First, our Society's journal throughout has lived, and grown, within its means. It began inexpensively mimeographed; it graduated to photolithography only when revenue -- and that means membership -- grew enough to warrant the change; and from there to regular printing, again only when membership and income made this possible.

Second, our Society has always had a plan, or direction, for growth, keeping the needs of both beginner and veteran, of both amateur and professional, always in mind.

Charlie Remington knew what he wanted and how to go about getting it. Lepidopterists, evidently, have agreed with him. We, the members of the Society he largely shaped, have much indeed to thank him for.

Harry K. Clench

INTRODUCTION

The thought of a special publication to commemorate the Society's first 25 years came to mind during the June 1968 meetings in Washington, D. C.; the Executive Council had just tentatively granted my request to host the 1972 meetings in San Antonio. In 1969, during the meetings at Michigan State University, East Lansing, John Downey, then Secretary, presented, in my absence, my thoughts regarding publication of this Commemorative volume. While the consensus was affirmative, no positive action was taken by the Council at that time. At the Carson City meetings in June 1970, the Council not only voted affirmatively on the proposal but provided limited guidance for promoting the project (5:4/70).

Following this action by the Council, an *ad hoc* Finance Committee was formed, funds were solicited and deposited with the Treasurer, and data were gathered and compiled for the Commemorative volume. It was hoped that initial distribution of the volume would be made at the 1972 Anniversary meetings; however, data from various parts of the world and at home were slow coming and the manuscript was not completed until 1973 when it was made available for editing during the June meetings in Sarasota.

Editing has taken longer than anyone originally visualized. However, in the tradition of the Society founders, compilation and editing have been accomplished by individuals working on their own time and at their own expense. It is both unfortunate and regrettable that some of the workers had less personal time to devote to the project than others. While 1972 was the original cut-off date for inclusion of data, and although it is neither desirable nor feasible to bring current all of the materials, the time required for editing has made it desirable to up-date some of the sections as of the final editing (1976).

Although the information in this volume is generally self indexing, the reader will find it both convenient and helpful to refer to the CONTENTS page to locate specific sections of special interest. Basically this volume includes

information about the Society, information about people in the Society, and a consolidated index of authors, subjects, and scientific names (ca. 7,000) appearing in the *News/Journal* during the first 25 years of publication.

Because of popular interest, it was intended in the beginning to publish a consolidated index to the Lepidoptera recorded in the Annual Field Summaries. These data were accumulated and organized by state, location within each state, and date of capture. Unfortunately, insufficient funds were available for publication of this information which would require a second volume. Perhaps if there is continuing interest, and funds become available, these consolidations can be published at a future date.

To facilitate referring to the various Society publications in the briefest and clearest way, the following abbreviations are used throughout this volume. Only the first page of a reference is given.

References to the consecutively numbered volumes of the *Lepidopterists' News*, the Society's principal publication from 1947 (vol. 1) through 1958 (vol. 12) or to its continuation, the *Journal of the Lepidopterists' Society*, from 1959 (vol. 13) to date, give volume and page numbers only, such as "7:33" or "17:100."

References to the *News of the Lepidopterists' Society*, the Society's newsletter for items of less permanent interest, beginning in 1959, give the issue number, page, and year published, such as "4:3/59" or "1:2/62."

The letter S preceding a citation refers to *Supplements* to the *Journal of the Lepidopterists' Society*. When first begun in 1969 these were identified with the particular volume number of the *Journal* with which they appeared. Later (1971) (4:1-2/71), this policy was changed to sequential numbering: S1 (=vol. 23, suppl. 1), S2 (=vol. 23, suppl. 2), S3 (=vol. 23, suppl. 3), S4 (=vol. 25, suppl. 1), S5 (=vol. 25, suppl. 2), S6 (=vol. 25, suppl. 3). As used in the cumulative index: "S1:22" means *J. Lepid. Soc.*, vol. 23, suppl. 1, p. 22.

I am most grateful to the following for their help in the preparation of this volume: Alfred Scherer and Daniel P. Rodriguez of Trinity University, San Antonio, Texas, for translating some of the biographical information; Cyril F. dos Passos and Sidney A. Hessel for serving with me as an *ad hoc* finance committee to raise funds for publication of the volume; Peter F. Bellinger, Harry K. Clench & Theodore D. Sargent, and Paul A. Opler for their written contributions; Glenn Y. Belyea, E. M. Kinch, W. W. McGuire and Susie Rickard for help in preparing the cumulative index; Harry K. Clench for several suggestions on content and arrangement; and the News Office of Harvard University, Cambridge, Massachusetts, for providing the photograph of the Biological Laboratories.

Publication of this volume was made possible through the efforts of many who gave generously of their time and money. A list of members and commercial firms who gave financial support to this project may be found under the title Financial Sponsors. The Society is most grateful to all who gave, and while the Society cannot guarantee the announcements of the entomological suppliers, the reader's attention is invited to their ads; they were all made in good faith.

Lastly, this volume is dedicated to my fellow lepidopterists throughout the International Lepidopterists' community. I hope that all recipients will find the contents interesting, factual, and useful.

Roy O. Kendall

EARLY ORGANIZATION

In the first issue of *The Lepidopterists' News* the founders proposed a set of Articles of Organization (1:2). These brief articles set forth the Society name, its non-profit educational aims, objectives, and management policies. No meetings or elected officials were contemplated at that time. By 1950, however, it became obvious that formalization was in the best interest of all. Cyril F. dos Passos was asked to prepare a draft Constitution and By-Laws (4:1).

On 31 July 1950, Charles Remington appointed an *Organization Committee*: Cyril F. dos Passos, Chairman; Don B. Stallings, Secretary; Axel Andersen (Denmark), Jean Bourgogne (France), Harry K. Clench, John G. Franclemont, T. N. Freeman (Canada), Lloyd M. Martin, Yoshio Okada (Japan), Lauro Pereira Travassos (Brazil), and C. B. Williams (England), Members (4:38).

On 1 October 1950 the Organization Committee appointed temporary officers to act until the membership could vote on its proposed slate of nominees who would serve as the first elected officials. Temporary appointments included: James H. McDunnough, President; Frederick H. Rindge, Secretary; and J. Benjamin Ziegler, Treasurer (4:38).

The Society's first elected officials who took office in January 1951 were: James H. McDunnough, President; Austin H. Clark, Senior Vice-President; Walter Forster (Germany), Vice-President; Kenneth J. Hayward (Argentina), Vice-President; Frederick H. Rindge, Secretary; J. Benjamin Ziegler, Treasurer; Thomas N. Freeman (Canada), Henri Stempffer (France), Lloyd M. Martin, Norman D. Riley (England), John G. Franclemont, and Takashi Shirozu (Japan), Members-at-Large (5:2).

The Organization Committee also adopted a Constitution and By-Laws which were presented to the membership for

approval and ratification at the Society's first annual meeting 29-30 December 1950 at the American Museum of Natural History (5:1). The newly adopted Constitution provided for an Executive Council of thirteen to control the affairs of the Society. These were the President, senior Vice-President, two Vice-Presidents, Secretary, Treasurer, six Members-at-Large, and the Editor-in-Chief (4:38). Later (1967) the Executive Council was enlarged to include the President-elect, and nine, rather than six, Members-at-Large (*Sec. 2, Art. IV, Constitution*).

CONSTITUTION & BY-LAWS

On the first of October 1950 the Organization Committee submitted a proposed Constitution and By-Laws to the Society for adoption. At the Society's first Annual Meeting, 30 December 1950, the membership ratified the proposed Constitution and By-Laws. As then adopted, the Constitution provided for a thirteen-member Executive Council to control the affairs of the Society (4:38).

The following year several amendments were proposed and all were passed at the third Annual Meeting (5:111, 6:53). Probably the most significant of these amendments was one requiring all Life Membership fees to be placed in a Permanent Publications Fund. In 1954, still other amendments were proposed, all of which were passed by mail ballot (8:48). These amendments increased the tenure of the Secretary and the Treasurer from two to three years with the provision that they could succeed themselves twice. They also established three categories of membership: Active, Sustaining, and Life (8:48, 9:35).

By early 1958, two more major amendments were proposed which would allow the Society to function more efficiently: 1) instead of one publication, the *Lepidopterists' News*, there would be three - the *Journal*, the *News*, and the *Memoirs*; and 2) an Editorial Board was established with an Editor-in-Chief as chairman, appointed by the Executive Council for a term of three years, with the provision that he could be re-appointed (12:157). In 1963, this Editor-in-Chief was discontinued. From that time forward each of the three editors functioned more or less independently but under the broad publication policies of the Editorial Board. The functions and composition of the Board were also revised in 1963 (17:63).

The Executive Council was increased from six to nine members in 1966 (7:4/66, 2:1/67), and in 1967, Article XIII was passed which provided for the disposition of Society assets should it be dissolved. This and Article XIV, General Prohibitions, were necessary for the Society to qualify under the Internal Revenue Code as a non-profit, scientific and educational organization (7:2/67, 3:1/68). The most recent amendments (29:67) changed the inauguration

date of the President, Vice-Presidents, and Members-at-Large of the Executive Council from 1 January to the date of the annual meeting.

The following is the present Constitution and By-Laws as amended January 1974 (29:67).

WHEREAS, The Lepidopterists' Society was formed on May 4, 1947, to promote the scientifically sound and progressive study of Lepidoptera by —

1. publishing a periodical on Lepidoptera.
2. facilitating the exchange of specimens and notes by both the professional worker and the amateur in the field,

AND WHEREAS, it is now proposed to organize said Society in a more formal manner, the following Constitution and By-Laws are hereby adopted by the duly appointed Organization Committee. [1 October 1950]

CONSTITUTION

ARTICLE I. NAME

Section 1. The organization shall be known as The Lepidopterists' Society.

ARTICLE II. OBJECT

Section 1. The Lepidopterists' Society is a non-profit educational and scientific organization. It shall be the purpose of the Society to promote internationally the science of lepidopterology in all its branches; to further the scientifically sound and progressive study of Lepidoptera; to publish periodicals and other publications on Lepidoptera; to facilitate the exchange of specimens and ideas by both the professional worker and the amateur in the field; and to secure cooperation in all measures tending to that end.

ARTICLE III. MEMBERSHIP

Section 1. All persons interested in lepidopterology shall be eligible for membership.

Section 2. All individual subscribers to the *Journal* and the *News of the Lepidopterists' Society*, who have paid their current dues, shall be deemed members of the Society.

Section 3. The membership of the Society shall consist of five classes—Active, Student, Sustaining, Life, and Honorary Life members. All persons who joined the Society before January 1, 1948, shall be designated Charter members.

Section 4. Application for Active, Student, Sustaining, and Life membership in the Society, received by the Secretary or Treasurer and accompanied by the appropriate dues for the current year, shall constitute formalization of membership, and no nomination or election to membership shall be necessary. The annual and life dues shall be fixed by the By-Laws.

Section 5. Any member may become a Life Member upon the payment, at one time, of such sum as shall be fixed by the By-Laws, and shall be exempt from further assessment. He shall receive during his life a subscription to the *Journal* and the *News of the Lepidopterists' Society*. Life Membership fees shall be placed in a permanent Publication Fund.

Section 6. Individuals who have made important contributions to the science of lepidopterology may be elected Honorary Life Members of the Society. There shall not be more than ten living Honorary Life Members.

Section 7. Members one year in arrears in the payment of dues shall be dropped from the rolls by the Secretary.

Section 8. The Executive Council may expel any member of the Society for such cause as it may deem sufficient for expulsion. This action may be taken only after unanimous approval by the members of the Council. Petition for expulsion shall be presented to the Secretary for presentation to the Council. On expulsion, the departing member shall be refunded all dues paid for the current year. An expelled member may be reinstated by unanimous affirmative vote of the Council.

ARTICLE IV. OFFICERS

Section 1. The officers of the Society shall consist of a President, President-elect, three Vice-Presidents (not more than one Vice-President shall reside in one country), a Secretary, a Treasurer, a Secretary-elect and/or a Treasurer-elect, in these two offices, in years when there are incumbents.

Section 2. The business and affairs of the Society, not otherwise provided for, shall be controlled by an Executive Council, consisting of the President, Presi-

dent-elect, the most recent available Past President, three Vice-Presidents, the Secretary, the Secretary-elect, the Treasurer, the Treasurer-elect, and nine other members of the Society. Action on all amendments to the By-Laws and all appointments and elections by the Executive Council shall be obtained by a canvass by the Secretary of all members of the Council.

Section 3. The Executive Council may appoint one or more Assistant Secretaries or Assistant Treasurers to serve during the pleasure of the Council. The offices of Assistant Secretary and Assistant Treasurer may be filled by the same person.

Section 4. The Executive Council shall have power to make and adopt By-Laws for the conduct of the business and affairs of the Society and for the regulations of its procedure not inconsistent with the terms and provisions of the Constitution.

ARTICLE V. ELECTIONS

Section 1. The President shall before the first of July appoint a Nominating Committee who shall nominate no more than two candidates for each elective office to be filled for the ensuing year. Additional candidates may be nominated by submission to the Secretary of written nominations signed by not less than ten members. Ballots containing all nominations shall be mailed in November of each year, setting forth the officers to be elected and the names of those nominated for any office, their names shall be arranged alphabetically on the ballot.

Section 2. Election of Officers. All officers shall be elected by ballot. The President and all Vice-Presidents shall be elected for the term of one year, and shall be eligible to succeed themselves once. The Secretary and Treasurer shall be elected for the term of three years and shall be eligible to succeed themselves twice. The nine other elective members of the Executive Council shall be elected for the term of three years; three of them shall be replaced each year; these members shall not be eligible to succeed themselves. The President, the Secretary and the Treasurer shall be elected a year prior to the time they take office. For each office, the nominee receiving the highest number of ballots shall be elected. The President, Vice-Presidents and newly-elected Members-at-Large of the Executive Council shall take office at the Business Meeting of the

Annual Meeting following their election; in the event that no Annual Meeting is held in a given year, these officers shall assume office on the anniversary of the last Annual Meeting. All other officers shall take office at the beginning of the calendar year for which they are elected.

Section 3. Election of Honorary Life Members. Honorary Life Members shall be nominated by the unanimous vote of the members of the Executive Council. The nominee shall be voted on by mail ballot distributed to all members of the Society and reported in one of the Society's periodicals, and must receive 80% of all ballots cast to be elected. Not more than five Honorary Life Members may be elected at the first Annual Meeting, and not more than two in any one calendar year.

ARTICLE VI. DUTIES OF OFFICERS

Section 1. The President shall preside at all meetings. He shall appoint all committees and be Chairman of the Executive Council and a member *ex officio* of all other committees, except the Editorial Board. He may appoint also delegates to other learned societies, congresses, and conventions.

Section 2. The First Vice-President shall assume the duties of the President in case of his death, resignation, absence, or disability.

Section 3. In case the President and all Vice-Presidents are absent at a meeting, a temporary Chairman may be chosen by a majority vote; he shall be member of the Executive Council unless none is present, in which event another member of the Society may be elected.

Section 4. The Secretary shall keep the minutes of the meetings of the Society and of the Executive Council; shall give notice of the meetings of the Society; shall attend to all general correspondence; shall keep all records and files of the Society; shall prepare and distribute ballots; and shall generally perform all services that may be delegated to him.

Section 5. The Assistant Secretary shall assume the duties of the Secretary in case of the death, resignation, absence, or disability of the Secretary, and shall assist the Secretary as need be.

Section 6. The Treasurer shall receive all monies for the Society and deposit them in the name of the Society in such banking institutions as the Executive Council shall direct. He shall pay therefrom by draft

or check all bills and obligations of the Society; he shall keep an account of all monetary transactions and shall exhibit a statement of them when called for by the President or the Executive Council, and shall make a full report for the preceding calendar year at the annual meeting.

Section 7. The Assistant Treasurer shall assume the duties of the Treasurer in case of the death, resignation, absence, or disability of the Treasurer, and shall assist the Treasurer as need be.

Section 8. At the expiration of his term of office, each officer shall deliver to his successor all books, papers, funds, and vouchers belonging to the Society.

Section 9. The Society shall not and may not make any dividend, gift, division or bonus in money to any of its members.

ARTICLE VII. MEETINGS

Section 1. The annual meeting shall be held in affiliation with the International Congress of Entomology or the annual meeting of the American Association for the Advancement of Science, or at such other time and place as the Executive Council may determine. Notice of said meeting shall be given as provided in the By-Laws.

Section 2. Special meetings of the Society may be called by the Secretary upon the written request of the President or ten active members. Such request shall state the purpose for which the meeting is to be called and the time and place where it is to be held. No other business, except that specified in the call, shall be transacted, except by unanimous consent of the members present.

ARTICLE VIII. PUBLICATIONS

Section 1. The Society shall publish a periodical to be known as the "*Journal of the Lepidopterists' Society*," a continuation of *The Lepidopterists' News*. The *Journal* shall be devoted to original papers, literature abstracts and other matter of permanent record. Each volume shall be issued for a calendar year, and shall be composed of four numbers. In it shall be published a summary of the proceedings of the annual meetings.

Section 2. The Society shall also issue a periodical to be known as "*News of the Lepidopterists' Society*," which shall be devoted primarily to notices by members,

lists of new members, announcements of nominations, committee appointments, forthcoming meetings, summaries of the recent field collecting season, and other matter of interest to members but not requiring permanent record. It shall appear at more frequent intervals than the *Journal*. A list of members of the Society shall be issued at least every second year.

Section 3. The Society may issue from time to time serial publications to be known as "*Memoirs of the Lepidopterists' Society*" to contain longer works than are normal for the *Journal* and the *News*. This shall be financed by a special fund, not by the annual dues, and shall be sold separately to members, at a lower price than to non-members.

ARTICLE IX. EDITORIAL BOARD

Section 1. The publications of the Society shall be under the charge of an Editorial Board, consisting of a Chairman and two other at-large members, the Editor of the *Journal*, the Editor of the *News*, the Editor of the *Memoirs*, and the two Associate Editors of the *Journal*. The Chairman may also be one of the above five editors. It shall determine broad publication policies of the Society not otherwise provided for in the Constitution or the By-Laws. It shall consider potential candidates for editorships and then make recommendations to the Executive Council for appointment of the three Editors.

Section 2. The Chairman of the Editorial Board shall be appointed by the Executive Council for the term of three years, and he may be reappointed. The Executive Council shall appoint, on recommendation of the Editorial Board, the three Editors, for terms of three years each; all three Editors may succeed themselves once.

The Associate Editors and other members of the editorial committee of the *Journal* shall be appointed by the *Journal* Editor; their terms shall terminate with his term, but his successor may reappoint any of them.

Editorial committees or staff members of the *News* and the *Memoirs* shall be appointed by the respective Editors, but their terms shall terminate with those of their Editors; they may be reappointed.

ARTICLE X. AUDITING COMMITTEE

Section 1. The President shall appoint an Auditing Committee consisting of three members who shall audit

the accounts of the Treasurer and render their report to the Secretary before December 31st.

ARTICLE XI. LIBRARIAN

Section 1. The Librarian shall be appointed by the Executive Council. The Librarian shall serve for the term of three years, or until his successor shall have been appointed.

Section 2. The Librarian shall have charge of the library of the Society, and of all books, periodicals, reprints, and historical material received by the Society. He may make all necessary rules and regulations for the use of the library, not otherwise provided for in the Constitution or the By-Laws.

ARTICLE XII. AMENDMENTS

Section 1. The Constitution may be altered, amended, or repealed by a two-thirds vote of the members voting by mail ballot. Each proposal for amendment must be signed by not less than five members of the Society and submitted to the Secretary who will promptly transmit it to the Editors of the *Journal* and *News*. Each proposed amendment shall be published in one of the Society's periodicals at least three months before the annual ballot is mailed in November.

Section 2. The By-Laws may be altered, amended, or repealed, by a majority vote of the members voting, at any meeting of the Executive Council or in a mail-canvass of the Council by the Secretary. All changes so validated shall be published in one of the Society's periodicals.

ARTICLE XIII. DISSOLUTION

Section 1. Upon final dissolution or liquidation of the Society, all of its properties and assets remaining after payment of all outstanding liabilities shall be transferred, assigned and paid over as follows: The American Museum of Natural History, Central Park West at 79th Street, New York, New York 10024, and the California Academy of Sciences, Golden Gate Park, San Francisco, California 94118.

If any of the named organizations no longer qualify for exemptions under Section 501 (c) (3) of the Internal

Revenue Code, or are not in existence, or unable or unwilling to accept such assets, such properties and assets shall be distributed to such organization or organizations organized and operated exclusively for charitable or educational purposes as shall at the time qualify as an organization or organizations exempt under Section 501 (c) (3) of the Internal Revenue Code of 1954 (or corresponding provision of any future United States Internal Revenue Laws), as the Executive Council shall determine.

ARTICLE XIV. GENERAL PROHIBITIONS

Section 1. Notwithstanding any provision of the Constitution or By-Laws which might be susceptible to a contrary construction:

- (a) the Society shall be organized exclusively for scientific and educational purposes;
- (b) the Society shall be operated exclusively for scientific and educational purposes;
- (c) no part of the net earnings of the Society shall or may under any circumstances inure to the benefit of any private individual;
- (d) no substantial part of the activities of the Society shall consist of carrying on propaganda, or otherwise attempting to influence legislation;
- (e) the Society shall not participate in, or intervene in (including the publishing or distributing of statements), any political campaign on behalf of any candidate for public office;
- (f) the Society shall not be organized or operated for profit;
- (g) the Society shall not:
 - (1) lend any part of its income or corpus, without receipt of adequate security and reasonable rate of interest, to;
 - (2) pay any compensation, in excess of a reasonable allowance for salaries or other compensation for personal services actually rendered, to;
 - (3) make any part of its services available on a preferential basis to;
 - (4) make any purchase of securities or any other property, for more than adequate consideration in money or money's worth, from;
 - (5) sell any securities or other property for

less than adequate consideration in money or money's worth to; or

(6) engage in any other transactions which result in substantial diversions of its income or corpus to; any officer, member of the Governing Board, or substantial contributor to the Society.

The probitions contained in this subsection (g) do not mean to imply that the Society may make such loans, payments, sales or purchases to anyone else, unless such authority be given or implied by other provisions of the Constitution or By-Laws.

BY-LAWS

ARTICLE I. DUES

Section 1. All dues shall be payable by January 1 of each year, and shall be deemed in arrears on February 15 of that year.

Section 2. Publications of the Society shall not be mailed to any member whose dues are in arrears.

Section 3. The annual dues shall be waived for the Secretary, the Treasurer, and the Editors of the *Journal* and *News*, while they are in office; they shall continue to receive all publications of the Society.

Section 4. Honorary Life Members shall pay no annual dues, but shall receive a subscription to all publications of the Society.

Section 5. Beginning in June 1975, the annual dues for Active Members shall be Thirteen Dollars, U.S.A. (\$13.00). Active membership shall include a subscription to the *Journal of the Lepidopterists' Society*, including *Supplements*, and the *News of the Lepidopterists' Society*.

Section 6. Beginning in June 1975, the annual dues for Student Members shall be Ten Dollars U.S.A. (\$10.00). Student membership shall include a subscription to the *Journal of the Lepidopterists' Society*, including *Supplements*, and the *News of the Lepidopterists' Society*.

Section 7. Beginning with 1971, the annual dues for Sustaining Members shall be Twenty Dollars, U.S.A. (\$20.00). Sustaining membership shall include a subscription to the *Journal of the Lepidopterists' Society*, including *Supplements*, and the *News of the Lepidopterists' Society*.

Section 8. Beginning in September 1976, Life Members shall pay the sum of Two Hundred Fifty Dollars, U.S.A. (\$250.00). Each Life Member shall receive a subscription to the regular Society publications during his life.

Section 9. Beginning in June 1975, institutional subscription fees shall be Eighteen Dollars, U.S.A. (\$18.00). This will include the *Journal of the Lepidopterists' Society*, including *Supplements*, and the *News of the Lepidopterists' Society*.

ARTICLE II. GIFTS

Section 1. The Society shall not make gift memberships to individuals or subscriptions to institutions. Society members are encouraged to sponsor gift memberships to deserving lepidopterists in foreign countries whose monetary policy prohibits sending currency out of their country.

Section 2. The Society may exchange issues of the *Journal* for other desirable lepidopterological periodicals upon the approval and recommendation of the Society Librarian. Such acquisitions shall remain in the Society Library, but may be loaned to its members in good standing.

ARTICLE III. REPRINTS

Section 1. Beginning with 1971, gratis separates (tear sheets) to *Journal* authors will be discontinued.

ARTICLE IV. MEETINGS

Section 1. Notice of all meetings of the Society shall be printed in the *News of the Lepidopterists' Society* at least two months in advance thereof.

Section 2. A majority of members present at an annual meeting, or represented by proxy, shall constitute a quorum for the transaction of business, not otherwise provided for.



MEMBERSHIP

A Backward Glance - A Glimpse Ahead

Recently, one of us (H.K.C.) made up a list, year by year from the beginning, of how many members we have had in the Lepidopterists' Society - U.S., non-U.S., and both combined. These data are presented in Table 1 and depicted graphically in Fig. 1.

To anyone with a weakness for numbers, such data provide an almost irresistible temptation to "play". We have yielded to that temptation, and here present some results of that activity. We hope that this effort is not entirely frivolous, for it was motivated in part by curiosity regarding the growth of our Society. Perhaps some light may be shed on how and why we have grown, and on what the future may have in store.

Table 1. The membership of The Lepidopterists' Society, U.S. and foreign, 1947-1970.

Years	Membership			
	U. S.	Foreign	% Foreign	Total
1947	194	26	11.8	220
1948	275	104	27.4	379
1949	290	137	32.1	427
1950	292	149	33.8	441
1951	306	161	34.5	467
1952	340	162	32.3	502
1953	355	165	31.7	520
1954	364	163	30.9	527
1955	370	169	31.4	539
1957	369	173	31.9	542
1958	408	174	29.9	582
1960	436	179	29.1	615
1962	553	223	28.7	776
1964	548	211	27.8	759
1966	628	238	27.5	866
1968	713	258	26.6	971
1970	725	267	26.9	992

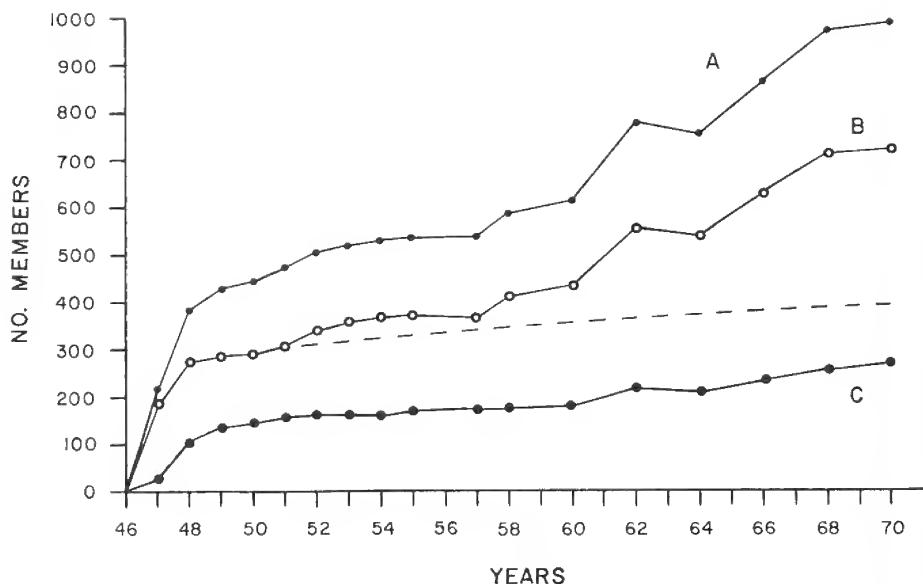


Fig. 1. The total number of members in the Lepidopterists' Society (curve A), with the U.S. (Curve B) and foreign (curve C) contributions to that total, 1947-1970. The dashed line represents the projected course of U.S. membership totals had growth stabilized at the 1950 level (1.99 ppm).

Let us begin with the course of U.S. membership (Fig. 1, curve B). One would expect such a curve to show an initial phase of rapid growth as word spread that the Society existed. Then a stable period should follow, after just about all interested lepidopterists in the country had become members. Thereafter the curve might rise slightly, keeping pace with the rising population of the country.

The actual curve, however, departs to some extent from these expectations. Two small, but significant, upward jumps in the curve are particularly apparent, one in 1952 and another in 1962. In addition, there has been a rather dramatic upward trend in the membership since 1957. What could account for these seeming irregularities?

One important factor in the popularity of any subject is the extent to which writings on that subject, particularly good books, become available. Can it be a coincidence that

Klots's *Field Guide to the Butterflies* appeared in 1951, and the Ehrlichs' *How to Know the Butterflies* appeared ten years later? These two books could well explain the jumps in membership in 1952 and 1962, and thus together would account for perhaps 50 more members than might otherwise have been expected.

The steady rise in members since 1957 is best expressed in terms of another measure, members per million (mpm). This is just what it says, i.e. the number of Society members - U.S. - per million individuals in the entire U.S. population. Before 1951, mpm had stabilized at about 1.95. When Klots's field guide appeared, mpm jumped to 2.24, and then stabilized again. After 1957, however, mpm began to climb, and with negligible exceptions, it has been climbing ever since (Table 2). This trend represents a long-term change in the overall pattern of Society growth, and cannot be correlated with a single publication as were the earlier, smaller increments in the membership.

Table 2. The total U.S. population (in millions), the number of U.S. members in the Lepidopterists' Society, and the resulting Society members per million individuals (mpm) in the U.S. population, 1947-1972. (The U.S. population figures are interpolated between the census years of 1950, 1960 and 1970.)

Years	U.S. Population	Lep. Soc. Members	Members per Million
1947	142.12	194	1.37
1948	144.98	275	1.90
1949	147.84	290	1.96
1950	150.70	292	1.94
1951	153.56	306	1.99
1952	156.42	340	2.17
1953	159.29	355	2.23
1954	162.15	364	2.24
1955	165.01	370	2.24
1956	167.87		
1957	170.73	369	2.16
1958	173.60	408	2.35
1959	176.46		
1960	179.32	436	2.43
1961	181.41		
1962	183.51	553	3.01

Table 2. (continued)

Years	U.S. Population	Lep. Soc. Members	Members per Million
1963	185.60		
1964	187.69	548	2.92
1965	189.78		
1966	191.88	628	3.27
1967	193.97		
1968	196.06	713	3.64
1969	198.16		
1970	200.25	725	3.62
1971	202.34		
1972	204.44	856	4.19

This trend may be related in part, however, to a periodical publication, in this case our own *News/Journal*. It seems quite likely that this publication, as it has expanded and improved over the years, has been attracting an ever-widening audience. Many of these newer members may have primary interests in fields such as genetics, ecology, or behavior, and may have become members of the Society in order to keep abreast of studies involving Lepidoptera in those fields. These persons might not consider themselves lepidopterists, and so they might not have been reached by, or attracted to the Society during its formative years.

In summary then, Society membership in the U.S. seems to have grown under four major influences: normal growth, under which alone we would have had about 400 U.S. members in 1970; a "Klots factor" in 1952 and an "Ehrlich factor" in 1962, which together increased our membership by about 50, so that we would have had approximately 450 U.S. members in 1970; and a long-term influence, perhaps a "Journal factor", which has altered our growth since 1957, so that the actual total in 1970 was a rather remarkable 725 U.S. members.

Thus far we have looked only at the U.S. membership. But the Lepidopterists' Society is really two societies in one. It is both a local organization and an international organization. In the U.S. (and Canada) it serves both functions, as items and articles of local interest may rub shoulders in the *Journal* and *News* with articles of interest to lepidopterists everywhere. Many foreign countries, however, have their own societies and publications that accommodate local interests. Our foreign membership, then, is

mostly made up of (1) individuals in countries that have little in the way of local interest outlets, and (2) individuals whose lepidopterological interests extend worldwide.

Growth in the foreign membership (Fig. 1, curve C) was delayed initially, presumably because less effort was expended in contacting potential foreign members during the first year or two of organization, and because the word would spread more slowly abroad. Thereafter, however, foreign membership grew rapidly, and in 1951 it comprised nearly 35% of the total for the Society. Foreign membership has climbed slowly ever since, though it has not kept pace with the growth in domestic membership.

Little trace of the "Klots and Ehrlich factors" shows in the foreign membership curve, as would be expected (what trace there is probably derives from the Canadian membership). The "Journal factor" may be discernible, though certainly less pronounced than in the U.S. curve.

Predicting where the Society membership will go in the future is, needless to say, an uncertain business. All other factors being equal, it seems fair to surmise that widely useful and popular books on Lepidoptera will, as they have in the past, swell the membership from time to time. It is also likely that the maintenance of a quality *Journal* will do much to ensure our continued viability and growth. Finally, it would appear that the Society may have to direct more attention to its international functions, in order to ensure that the foreign membership will continue to play a substantial and stimulating role in its affairs.

In concluding, we hope that other Society members, twenty-five years hence, may be able to glance backwards and glimpse ahead with the same satisfaction and optimism that we feel now.

Harry K. Clench
and Theodore D. Sargent

Membership Table

These data on number of members, year by year, depict the growth of the Society through 1972. Years shown are those in which membership lists were published, and from which the counts were made. Over the years, individuals from some 78 nations have been members of the Society.

	1947	1948	1949	1951	1952	1953	1954	1955	1957	1958	1960	1962	1964	1967	1968	1970	1972
ARGENTINA	-	2	3	7	6	6	6	6	3	3	2	2	1	2	2	2	2
AUSTRALIA	-	-	2	7	5	4	3	4	4	8	11	10	12	14	13	15	
AUSTRIA	-	1	2	1	2	2	2	2	-	3	3	2	3	3	3	3	
BAHREIN	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	
BELGIAN CONGO	-	-	-	1	1	1	-	1	1	1	1	1	-	-	-	-	
BELGIUM	1	5	5	4	3	2	2	2	-	2	2	2	3	3	1	1	1
BURMA	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
BRAZIL	2	7	9	9	10	10	9	10	11	11	10	10	7	9	9	11	14
BRITISH GUIANA	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
B. SOLOMON ISDS	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
B. WEST INDIES	-	3	3	2	3	3	3	3	2	2	2	2	3	-	-	-	
CANADA:																	
Alberta	-	1	1	2	2	2	2	1	1	2	1	1	5	4	8	9	10
Br Columbia	1	1	2	2	2	3	3	3	2	2	1	1	3	3	6	8	
Manitoba	1	2	2	2	-	-	-	-	-	-	3	3	3	3	2	5	5
New Brunswick	-	-	-	-	-	-	-	-	-	-	1	1	1	2	2	1	1
Nova Scotia	2	2	2	2	2	2	2	2	2	4	5	5	4	1	4	3	2
Ontario	4	4	4	9	11	13	16	16	14	13	16	16	19	25	32	40	36
Pr Edward Id	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	3	3	5	3	3	3	3	3	5	5	5	6	4	4	3	4	6
Saskatchewan	2	2	1	1	2	1	1	2	1	2	3	1	-	-	-	-	1

	1947	1948	1949	1951	1952	1953	1954	1955	1957	1958	1960	1962	1964	1967	1968	1970	1972
PUERTO RICO	-	1	1	-	-	-	-	1	2	2	-	-	-	-	-	-	-
SCOTLAND	-	-	-	-	1	1	-	-	-	1	1	-	-	1	1	2	2
SINGAPORE	-	-	-	1	2	2	2	2	3	2	3	3	3	3	3	3	3
SOUTH AFRICA	1	4	6	-	4	-	-	-	1	2	1	2	1	-	-	-	-
SPAIN	-	-	2	2	2	2	3	2	2	2	1	2	3	3	3	6	6
SUDAN	-	2	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
SWEDEN	-	1	3	4	-	-	-	-	-	-	-	-	-	-	-	4	4
SWITZERLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
THAILAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
UGANDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
U.S.S.R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4
VENEZUELA	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-
WALES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
ZAMBIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
U.S.A.:																	
Alabama	1	1	1	2	2	2	1	2	1	2	2	2	3	1	2	2	3
Alaska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2
Arizona	2	1	1	1	1	1	1	1	1	1	1	1	4	8	6	12	14
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	1	3	2	3	4
California	33	49	50	46	51	52	60	62	62	69	76	90	100	121	140	142	172
Colorado	3	7	6	7	8	8	8	7	6	9	13	20	13	16	17	20	23
Connecticut	6	6	9	8	8	11	12	12	15	15	17	21	20	23	26	16	15
Delaware	-	-	1	1	1	1	1	1	1	1	1	1	1	1	3	5	2

	1947	1948	1949	1951	1952	1953	1954	1955	1957	1958	1960	1962	1964	1966	1968	1970	1972
Dist Columbia	4	4	4	4	2	2	1	1	2	2	6	5	7	9	9	11	
Florida	3	4	6	5	7	7	5	4	3	6	5	8	4	8	6	9	11
Georgia	5	6	5	7	7	7	5	4	1	-	-	-	2	2	2	2	
Hawaii	1	2	2	2	2	2	2	1	2	2	2	2	3	3	2	2	
Idaho	-	1	3	2	1	2	2	1	2	2	2	2	3	3	2	2	
Illinois	12	19	24	28	31	32	32	34	35	30	34	36	27	35	37	33	38
Indiana	1	-	2	3	4	6	4	4	3	4	3	4	3	3	7	6	10
Iowa	-	-	1	1	1	1	1	1	1	2	6	7	9	9	8	10	
Kansas	2	1	4	4	4	4	4	5	8	9	11	9	11	11	12	9	8
Kentucky	2	3	3	4	4	4	4	6	5	6	5	4	4	5	7	7	6
Louisiana	-	-	1	1	1	1	1	1	-	-	1	1	3	3	1	1	
Maine	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	3
Maryland	1	4	4	6	7	6	7	9	10	10	10	11	11	10	13	13	17
Mass	19	20	19	16	19	20	22	23	18	15	13	16	19	18	19	19	26
Michigan	9	10	12	12	15	13	13	12	13	15	16	20	20	16	17	17	21
Minnesota	1	2	-	1	1	1	3	3	2	3	2	6	7	7	17	19	14
Mississippi	1	1	1	1	2	2	2	2	1	2	2	2	2	3	3	4	5
Missouri	5	5	5	5	5	5	5	8	9	9	9	10	9	7	7	8	6
Montana	-	-	1	1	1	2	2	-	1	1	2	3	3	2	2	1	2
Nebraska	-	-	-	-	-	-	-	1	1	1	1	3	3	3	4	2	3
Nevada	-	-	2	2	2	2	2	4	4	4	3	3	3	1	2	2	2
N Hampshire	2	2	2	11	17	21	15	15	11	12	11	15	20	18	20	24	21
New Jersey	4	8	11	17	21	15	15	11	12	11	15	20	18	20	24	21	30
New Mexico	-	1	2	2	2	2	2	2	2	2	4	3	4	4	5	4	5
New York	24	34	38	39	38	43	39	35	43	53	58	57	54	61	72	80	83

	1947	1948	1949	1951	1952	1953	1954	1955	1957	1958	1960	1962	1964	1967	1968	1970	1972	
N Carolina	1	1	-	1	2	5	7	5	6	5	6	7	6	8	8	7	10	
N Dakota	-	1	-	1	2	1	2	1	-	2	3	2	2	2	1	1	1	
Ohio	9	13	14	12	13	14	11	9	13	17	22	21	24	22	33	35	35	
Oklahoma	-	-	1	1	-	-	-	1	1	2	2	1	3	2	2	2	3	
Oregon	5	5	3	2	4	5	5	6	6	7	8	13	15	19	21	14	19	
Pennsylvania	12	12	13	15	17	21	22	23	25	27	23	36	39	39	48	40	56	
Rhode Island	1	1	-	1	1	2	3	3	1	1	1	2	3	2	1	1	1	
S Carolina	-	-	-	-	-	-	-	-	2	1	-	-	1	1	2	6	8	
S Dakota	-	1	2	1	1	1	1	1	1	1	-	-	-	1	2	2	-	
Tennessee	1	-	-	-	2	3	3	3	4	5	5	4	7	4	3	3	3	
Texas	8	9	7	9	10	9	8	12	11	13	14	17	19	22	26	29	36	
Utah	1	2	3	3	3	3	3	2	2	2	3	6	5	7	5	7	7	
Vermont	-	-	1	1	1	-	-	-	-	1	1	-	1	2	2	2	2	
Virginia	3	4	1	2	3	5	5	4	4	3	7	7	4	7	9	12	12	
Washington	5	6	9	7	10	8	8	9	11	9	12	14	15	13	22	23	22	
W Virginia	-	-	1	-	-	-	-	-	1	1	1	1	1	2	1	1	1	
Wisconsin	7	9	10	12	13	16	12	14	16	13	21	21	21	24	28	30	32	
Wyoming	1	2	2	1	2	2	2	2	2	2	1	1	3	3	4	4	2	
TOTALS:																		
U.S.A.	197	258	286	303	333	354	360	366	388	411	467	555	546	629	713	728	856	
Canada	13	25	17	20	23	26	30	30	30	30	37	37	34	48	55	71	71	
All Others	12	75	109	140	141	136	133	138	144	146	164	185	177	191	204	203	250	
TOTAL	MEMBERSHIP	222	358	412	463	497	516	523	534	562	585	668	777	757	868	972	1002	1177



FINANCIAL GROWTH

The following tabulation portrays the financial status of the Society over its first quarter century of operations. Assets include cash on hand (checking, savings/Memoirs accounts) and capitalized stocks of back issues (Memoirs, Journal, News). No other properties are owned by the Society at this time except its library. Accounting and auditing procedures for Society funds are contained in Article VI, Section 6 and Article X, Section 1 of the Constitution. The Society has operated as a non-profit organization from the very beginning (letter, 24 Mar 1947). No attempt was made, however, to formalize this status with the Internal Revenue Service until 1968 when Roy O. Kendall, then Treasurer, filed an application for such status with the U. S. Treasury Department. Early in 1973 the application was approved and the Society was so informed.

Table 1. The financial status of the Society year by year, 1947-1972.

Year	Reference	Assets	Income	Expense	P/Loss	Reg.	Sust.	Life
1947	Ed Report	\$	\$	\$	\$+	46	\$1	\$
1948	" "				-	98	1.5	3
1949	" "		1,086	1,059	+	27	2	4
1950	6:121				+	379	2	4
1951	6:121		1,508	1,247	+	261	2	5
1952	7:132		1,958	1,258	+	699	3	5
1953-54						3	5	50
1955-57						4	10	75
1958	3:1/59	2,882	3,053	3,727	-	674	4	10
1959	2:3/60	2,928	2,907	3,297	-	386	4	10
1960	2:2/61	2,416	3,555	4,087	-	532	5	10
1961	1:2/62	2,615	5,096	5,336	-	241	6	15
1962	2:2/63	4,714	5,359	4,631	+	729	6	15
1963	2:3/64	4,860	5,430	5,446	-	17	6	15
1964	2:3/65	4,549	6,028	6,881	-	853	6	15
1965	2:3/66	5,314	5,941	4,707	+1234	6	15	125
1966	2:2/67	7,556	8,834	6,709	+2125	6	15	125
1967	2:2/68	9,281	7,924	6,308	+1615	6	15	125
1968	1:5/69	6,319	4,885	8,124	-3239	6	15	125
1969						8	15	125
1970	2:2/71	5,651	11,441	12,753	-1312	8	15	125
1971	3:2/72	14,481	12,926	12,471	+ 454	8	15	125
1972	3:6/73	17,663	15,333	15,011	+ 322	10	20	150



PUBLICATIONS

The Society's first publication, which began in 1947, was known as *The Lepidopterists' News*. It evolved from an initial mimeographed ($8\frac{1}{2} \times 11$ inch) format (volume 1) to a photolithographed format of the same size (volumes 2-5), and then, beginning in 1952, to a letterpress (6 x 9 inch) format (volume 6 onward). In the early years descriptions of new taxa and proposals of nomenclatorial changes were considered inappropriate. With volume 8 (1954) this policy was changed because the journal had by then reached a stature entirely suitable for such material. Since then many new taxa have been described in its pages.

With volume 13 (1959) the name of the publication was changed to the *Journal of the Lepidopterists' Society*, but numbering of the volumes was kept continuous. At the same time the Society initiated a second publication, the *News of the Lepidopterists' Society*, designed to include matter of more transient interest. Special features included free notices by members, the annual field *Season Summary*, a biennial membership list, announcements of meetings, appointments, candidates for office, and so on. Originally eight numbers of the *News* appeared each year. Beginning in 1971, however, only six issues per year have been printed, a change for the sake of economy. Approximate publication dates are the 15th of January, March, May, July, September and November.

In 1964 the Society initiated a new series, *Memoirs of the Lepidopterists' Society*. These were designed for works much longer than could be accommodated in the *Journal*. *Memoirs* are financed from a special fund and, unlike the Society's other publications, are not distributed free to members. So far, only one *Memoir* has been published, *A Synonymic List of the Nearctic Rhopalocera* by Cyril F. dos Passos.

Jerry A. Powell, then editor, initiated in 1969 a series of *Supplements* to the *Journal*. These were designed to permit the relatively inexpensive (photo-offset) publication of papers that were too long for the *Journal*, yet shorter than appropriate for the *Memoirs*. Three were issued in 1969, as supplements to *Journal* volume 23, and another three (origi-

nally numbered 1-3, but later re-numbered 4-6) in 1971 as supplements to volume 25. None has been published since 1971. Supplements issued are:

1. Systematic review of the Megathymidae. H. A. Freeman. 1969. 59 pp., 2 pl.
2. Records, new species, and a new genus of Hesperiidae from Mexico. H. A. Freeman. 1969. 62 pp., 15 pl.
3. On the frequency of butterflies in eastern Brazil, with a list of the butterfly fauna of Pocos de Caldas, Minas Gerais. Heinz Ebert. 1969. 48 pp.
4. A new genus of hairstreak from Central and South America (Lycaenidae, Theclinae). S. S. Nicolay. 1971. 39 pp., 4 pl.
5. A biosystematic study of two species of *Callophrys* (*Callophrys*) in California (Lycaenidae). Glenn A. Gorelick. 1971. 41 pp., 21 figs.
6. Biological studies on moths of the genus *Ethmia* in California (Gelechioidea). Jerry A. Powell. 1971. 67 pp., 29 figs.

Although sequential re-numbering of the *Supplements* and the method of citing them, as used in this volume, was explained in the Introduction, the method is repeated here for the reader's convenience. The letter "S" preceding a number indicates one of the *Supplements*. For example: S5:23 refers to the above numbered *Supplement* 5, page 23. Absence of the prefix "S" refers to the *Lepidopterists' News* (vols. 1-12) and/or the *Journal* (vol. 13 forward), e.g. "2:6" or "24:118." Citations referring to the *News of the Lepidopterists' Society* from 1959 forward always give the issue number, page, and year, e.g. "4:3/59" or "1:2/62."

ANNUAL MEETINGS

Article VIII of the Constitution provides for the convening of annual and special meetings as determined by the Executive Council. From the time the Society held its first meeting in 1950, only two annual meetings have been canceled, those of 1959 and 1965. The cancellations have caused some incorrect numbering of meetings as announced in the *News* and in printed programs of annual meetings. These are corrected here.

Arrangement of data for each meeting below is in the following order: Category and number (regular meetings indicated by roman numerals), date, location and local host (chairman), program chairman, program features, total attendance (members & guests) and number of states represented (e.g., "51/8"), number of foreign countries and persons present (e.g., "1-1"), and reference citation.

I. 29-30 December 1950. American Museum of Natural History New York City, N. Y., A. B. Klots. C. L. Remington. Ratification of the Constitution and By-Laws. Symposium: Geographic Subspeciation in Lepidoptera. 51/8, 1-3. (4:37, 5:1)

II. 28-29 December 1951. Chicago Natural History Museum, Illinois, A. K. Wyatt & Henry S. Dybas. ? C. L. Remington. Nomination of first 5 Honorary Life Members. Round-table: Techniques and Objectives of Rearing Lepidoptera. 32/7, 1-1. (6:121)

Special. 21 August 1951. Little Auditorium, Congress Building, Amsterdam, Netherlands. Walter Forster (5:10). Jointly with IX International Congress of Entomology. Symposium: Phylogeny and Classification of Lepidoptera. 41/4, 13-37. (6:28)

III. 2-4 July 1952. Entomology Research Institute, Ottawa, Ontario, Canada, B. P. Beirne. T. N. Freeman. Symposium: Collecting and Field Study of Lepidoptera. 36/6, 2-26. (7:1)

IV. 2-4 July 1953. Los Angeles County Museum of Natural History, California, (?). Fred T. Thorne (6:91). Sympo-

sium: Collecting in Western North America. 30/2. (8:5)

Pacific Slope, 1. 4-6 September 1954. California Academy of Sciences, San Francisco, (?). Fred T. Thorne (8:7). Submitted papers. 20/1. (9:18)

V. 28-30 December 1954. Carnegie Museum, Pittsburgh, Pennsylvania, E. G. Wallace. Harry K. Clench. Submitted papers. 24/5, 2-1. (8:140, 9:17)

Pacific Slope, 2. 3-5 September 1955. San Diego Society of Natural History Museum, California, Robert C. Miller. William Hovanitz (9:20). Submitted papers. 23/3. (9:147)

VI. 28-30 December 1955. Archbold Biological Station, Lake Placid, Florida, Richard Archbold (9:184). ? C. L. Remington. Submitted papers. Round-table: Techniques of Hand-pairing; Collecting of Sphingidae, Heliothid Moths, and *Megathymus* Skippers; UV Light Traps; Preserving Immature Lepidoptera. 26/5. (10:74)

Pacific Slope, 3. 4-5 August 1956. Santa Barbara Museum of Natural History, California, Nelson W. Baker. Fred T. Thorne (9:149). Symposium: Usefulness of Genetics, Ecology and Morphology in the Taxonomy of Lepidoptera (10:80). 34+/3. (10:172)

VII. 27 December 1956. American Museum of Natural History, New York, Alice L. Hopf. Sidney A. Hessel (10:136). Submitted papers. Round-table: Hand-pairing and Rearing Methods; Infra-specific Nomenclature. 20/6, 2-2. (11:158)

Pacific Slope, 4. 3-4 August 1957. Santa Barbara Museum of Natural History, California, A. S. Coggeshall. Nelson W. Baker (10:174). Symposium: Origins and Distribution Patterns of Western Lepidoptera. 35/3. (11:230)

VIII. 27-28 December 1957. U. S. National Museum, Washington, D. C., J. F. G. Clarke. John Fales (12:52). Submitted papers. 53/12, 1-1. (12:52)

Pacific Slope, 5. 23-24 August 1958. Santa Barbara Museum of Natural History, California, Harold Chase. R. H. T. Mattoni (11:231). Symposium: Ecological Studies of Butterflies and Moths. 26/3. (12:209)

IX. 29-30 December 1958. Department of Entomology, Uni-

versity of Kansas, Lawrence, Kent H. Wilson. Paul R. Ehrlich (12:80). Symposium: The Systematics of the Skipper Genus *Megathymus* and Allies. Round-table: Modern Techniques in Systematics. 31/6, 1-1. (13:31)

Pacific Slope, 6. 29-30 August 1959. Santa Barbara Museum of Natural History, California, Nelson W. Baker. Robert L. Langston (12:211). Symposium: Nonvariable Species and Hesperioidae. 26/2. (13:238)

Pacific Slope, 7. 27 August 1960. Morrison Auditorium, California Academy of Sciences, San Francisco, C. Don McNeill. J. W. Tilden (13:240). Presidential address delivered by Dr. Walter Forster of Germany. Submitted papers. 24/3, 2-2. (15:200)

X. 28 December 1960. Department of Entomology, American Museum of Natural History, New York, Frederick H. Rindge. ? C. L. Remington. Submitted papers. 40/8, 1-2. (15:63)

XI. 7-10 August 1961. Rocky Mt. Biological Laboratory, Gothic, Gunnison Co., Colorado, C. L. & Jeanne Remington. C. L. Remington. Submitted papers. Round-table: Methodology, including Preservatives, Light-trapping, Photography, and Rearing Techniques. 57+/13. (15:249)

Pacific Slope, 8. 26-27 August 1961. Santa Barbara Museum of Natural History, California, Nelson W. Baker. Lloyd M. Martin (15:202). Symposium: Migration. Open Forum: Techniques for Rearing Lepidoptera, and Preparation and Study of Lepidoptera Genitalia. 36/? (15:251)

XII. Combined with Pacific Slope, 9. 25-26 August 1962. Santa Barbara Museum of Natural History, California, Nelson W. Baker. Fred T. Thorne (15:252). Submitted and invitational papers. ?/? (20:49)

XIII. 1-2 July 1963. Town Hall, Wonderland Shopping City, San Antonio, Texas, Connie Kendall & Ellen Quillin. Roy O. Kendall (15:250). Submitted and invitational papers. 41+/7. (18:117)

Pacific Slope, 10. 24-25 August 1963. Santa Barbara Museum of Natural History, California, Carl Kirkwood. William Hovanitz (20:49). Submitted papers. ?/? (20:50)

XIV. Combined with Pacific Slope, 11. 18-20 July 1964.

Nevada State Museum, Carson City, Peter J. Herlan. J. W. Tilden (20:50). Symposium: Collecting in Unusual Places. 25+/?.. Report not published.

Pacific Slope, 12. 19-21 June 1965. San Diego Natural History Museum, California, Charles Harbison. Fred T. Thorne (20:52,55). Symposium: The Giant Skipper Megathyridae. 60/10. (20:53)

XV. 29 May - 1 June 1966. Entomology Research Institute, Ottawa, Ontario, Canada, Dr. & Mrs. Hardwick. D. F. Hardwick (20:55). Symposium: Lepidoptera Around the World. ?/?, ?-?. Report not published.

Pacific Slope, 13. 11-12 June 1966. Santa Barbara Museum of Natural History, California, Nelson W. Baker. C. L. Hogue (20:54). Symposia: Diurnal Moths of America; Distributional Patterns and Geographic Variability in Butterflies. 38/5, 1-1. (21:210)

XVI. Combined with Pacific Slope, 14. 24-25 June 1967. Oregon State University, Corvallis, Dr. & Mrs. Ernst J. Dornfeld. E. J. Newcomer (21:210). Symposia: Pacific Northwest Lepidoptera; Conservation of Lepidoptera. 40/?.. Report not published.

XVII. 15-18 June 1968. Smithsonian Institution, Museum of Natural History, Washington, D. C., Dr. & Mrs. Donald W. Duckworth. Don R. Davis (5:5/67). Symposium: Polymorphism in Lepidoptera. 75/?, 2-3. Report not published.

Pacific Slope, 15. 6-8 September 1968. University of California, Berkeley, Paul A. Opler. Jerry A. Powell (23:279). Symposium: Population Dynamics of Butterflies, and submitted papers. 60/10. (23:278)

XVIII. 14-17 June 1969. Michigan State University, East Lansing, F. W. Stehr. Julian P. Donahue (3:4/69). Symposia: Microlepidoptera, Current Status; Sensory Mechanisms and Communication in Lepidoptera. 66/?.. Report not published.

Pacific Slope, 16. 5-7 September 1969. Los Angeles County Museum of Natural History, California, C. L. Hogue. Fred T. Thorne (2:2/69). Submitted papers. 56/6 (7:1/69,24:73)

XIX. Combined with Pacific Slope, 17. 19-20 June 1970.

Nevada State Senate Chambers, Carson City, Peter J. Herlan. J. W. Tilden (5:5/70). Symposia: Lepidoptera of the Great Basin; Conservation and Endangered Species. 53/13. (5:2/70)

XX. 17-20 June 1971. University of Louisville, Kentucky, Dr. & Mrs. C. V. Covell, Jr. Lee D. Miller & John C. Downey (1:3/71). Symposia: Biology of the Genus *Colias*; Collecting Lepidoptera in the Southeastern U.S. 54+/20, 3-6. (4:1/71)

Pacific Slope, 18. 28-29 August 1971. Santa Barbara Museum of Natural History, California, Nelson W. Baker. Robert L. Langston (4:6/71). Submitted papers. 37/4. (6:2/71)

XXI. 22-25 June 1972. Trinity University, San Antonio, Texas, Roy & Connie Kendall. C. L. Remington. Symposia: Recent Studies of Lepidoptera Behavior; Endangered and Extinct Lepidoptera. (Twenty-fifth anniversary meeting.) 100+/23, 2-2. (5:1/72)

Pacific Slope, 19. 1-3 September 1972. Lecture Hall, Oakland Museum, California, ? C. Don MacNeill. C. Don MacNeill (6:2/71). Symposium: Lepidoptera Conservation. 50+/5. (3:5/72, 1:2/73)

XXII. 21-24 June 1973. Allyn Museum of Entomology, Sarasota, Florida, Mr. & Mrs. A. C. Allyn. Lee D. Miller. Symposia: Introduction to the Neotropics (Mexico and Middle America, South America, the West Indies); Biology of *Heliconius* Butterflies. 104/22, 3-4. (4:1/73)

Pacific Slope, 20. 25-26 August 1973. Santa Barbara Museum of Natural History, Santa Barbara, California, Nelson W. Baker. Charles A. Sekerman. Submitted papers. 49/4. (3:6/73, 5:1/73)

XXIII. Combined with Pacific Slope 21. 22-25 August 1974. Natural History Museum, Los Angeles, California, Julian & Kathy Donahue. Julian P. Donahue. Symposia: Arctic Lepidoptera; Lepidoptera of Baja California, Mexico. 144/22, 1-1. (5:4/74)

XXIV. 21-24 August 1975. University of Massachusetts, Amherst, Dr. & Mrs. Theodore D. Sargent. Theodore D. Sargent. Symposia: Lepidoptera Ecology; Biology of the *Catocala*. 58/18, 2-2. (4:5/75, 1:3/76)

Pacific Slope, 22. 20-22 June 1975. Oregon State University, Corvalis, Dr. & Mrs. Ernst J. Dornfeld, et al. David V. McCorkle. Symposium: Lepidoptera Conservation in Western North America. 22/8. (6:4/75)

XXV. 25-28 June 1976. Wisconsin Center, University of Wisconsin, Madison, Walter L. Gojmerac. William E. Sieker. Submitted papers. 47/14, 1-1. (6:2/76)

Pacific Slope, 23. 2-4 July 1976. Nevada State Museum, Carson City, Gloria Harjes & Peter J. Herlan. Jerry A. Powell. Environmental Physiology of Lepidoptera; Nevada Lepidoptera; and submitted papers. 43/6. (1:6/76, 2:1/76, 6:5/76)

ANNUAL FIELD SUMMARIES

History

The first summary was begun by C. L. Remington and Harry K. Clench, founders of our Society. The summary was to be an attempt to present significant information for all Lepidoptera of America north of Mexico, with each geographic area receiving approximately equal treatment. North America was divided into eight zones and by the time of the 1948 summary each had a corresponding "Zone Coordinator." The succession of Zone Coordinators through the history of the Summary is presented below (Table 1). Coordinators who have devoted eleven or more years of service to the Summary are: J. Donald Eff (Zone III) - 19 years; H. A. Freeman (Zone IV) - 16 years; E. C. Welling (Zone IX), Bryant Mather (Zone VI) and L. P. Grey (Zone VIII) - all 1¹/₂ years; and E. J. Newcomer (Zone II) - 11 years.

Table 1. The zone coordinators and editors, and their years of service, through the history of the annual field summaries.

Zones	Years & Coordinators
I Southwest	1947-48 L. M. Martin; 1949 L. M. Martin and B. H. Weber; 1950-52 L. M. Martin; 1960-68 F. T. Thorne; 1969-72 R. L. Langston
II Northwest	1947-52, 59-60 J. C. Hopfinger; 1961-71 E. J. Newcomer; 1972 Mike Van Buskirk
III Rocky Mountains	1947-52, 59-69 J. D. Eff; 1970 C. D. Ferris; 1971-72 J. D. Eff
IV Plains	1947-50 D. B. Stallings; 1951-52, 59-72 H. A. Freeman
V Central	1948-52 P. S. Remington, Jr.; 1959-61 E. G. Voss; 1962-70 J. R. Heitzman; 1971-72 M. C. Nielsen

Zones	Years & Coordinators
VI Southeast	1948-52 R. L. Chermock; 1959-72 B. Mather
VII Northeast	1947-50 E. G. Munroe; 1951-52 S. A. Hessel; 1959-72 L. P. Grey
VIII Far North	1948-52 T. N. Freeman; 1960-68 L. D. Miller; 1969-72 K. W. Philip
IX Neotropics	1959-72 E. C. Welling
X South America	1971-72 T. C. Emmel
EDITORS	1957-58 C. L. Remington; 1959-64 J. W. Tilden; 1965-69 E. J. Newcomer; 1970- P. A. Opler

From the first, individual members were encouraged to contribute to the Summary and to keep careful field notes during each collecting season. The number of contributors to the compilation of each zone's report for each Summary are indicated in Table 2. From 1947 through 1952, except 1950, the Summary showed an annual increase in the number of contributors from 59 to 85. From 1953 through 1958 the Summary was discontinued due to increased publication costs. When the Summary reappeared in 1959 the number of contributing members was 56. A steady increase in the number was shown from 1960 through 1965 when the number reached 100. Each succeeding year had more than 100 contributors, peaking at 157 in 1970.

Coverage

In all years, the Summary has presented field information on several aspects of lepidopteran biology, including:

Distribution. (1) Notable locality records. These include new localities as well as those previously known. Most of the records cited have been of species considered "rare" or "choice" by collectors. (2) New county and state records. These have appeared with some frequency. (3) Range extensions. These have been documented for a number of species, among which *Thymelicus lineola* is perhaps the most notable. Others include *Paratrytone melane* and *Dione vanillae* in

Table 2. The number of contributors each year to the annual season summary.

Years	Zones										Total
	Z I S.West	Z II N.West	Z III Rocky	Z IV Mts	Z V Plains	Z VI Central	Z VII S.East	Z VIII Far	Z IX North	Z X Neotr.	
1947	10	4	9	4	9	6	5	2	2	-	49
1948	7	6	7	3	10	7	12	2	2	-	54
1949	6	7	13	8	17	8	16	2	-	-	77
1950	9	4	12	3	18	7	19	1	-	-	73
1951	9	4	10	8	24	6	24	1	-	-	86
1952	9	7	6	8	23	10	21	1	-	-	85
1959	8	10	(6)	10	15	6	-	1	1	-	56
1960	10	11	6	7	11	7	9	2	3	-	66
1961	9	13	7	5	9	9	9	1	4	-	66
1962	17	11	9	6	17	14	16	2	6	-	98
1963	14	15	13	10	16	6	14	-	3	-	91
1964	23	14	11	8	-	16	13	5	7	-	97
1965	18	13	16	7	23	8	9	1	5	-	100
1966	22	11	18	14	29	14	18	5	3	-	134
1967	25	6	18	13	52	17	18	3	3	-	155
1968	31	6	17	13	21	18	19	15	3	-	143
1969	24	3	18	14	18	11	13	18	6	-	125
1970	22	7	15	8	31	13	14	40	7	-	157
1971	15	7	14	11	27	12	17	3	8	2	116
1972	27	10	18	13	22	21	17	1+	3	1	133

California.

Seasonality. (1) Dates of capture. Most records in the Summary include the capture date, and as such, each gives added knowledge about the seasonal occurrence of a species. (2) Effects of weather. Quite frequently the occurrence of unusual weather (such as extreme cold, heat, drought, hurricanes, snow) has been stated as causing a delay or hastening of the emergence of a species. (3) Early or late records. Collecting records representing unusually early or late dates for the presence of a species have appeared with or without citation of possible correlative causes. (4) Extra broods. Occurrences of extra broods for normally univoltine populations have been reported on several occasions. Most notable of these have been the reports of fall broods for desert species in the Anza-Borrego area of San Diego County, California.

Ecology. (1) Population changes. Perhaps more space has been devoted to attempts at recording population changes than any other aspect of lepidopterology. These attempts are usually couched in verbal rather than numeric terms, such as "extremely abundant" and "flew by the thousands," or "did not appear" and "absent this year." Also appearing are attempts to place species into "up" or "good," and "down" or "bad" year categories. Some of these changes have been attributed to the weather, and others to pesticides or habitat destruction. Most have been based on the experience of the individual contributor and almost none on modern population sampling methods.

Biology. From time to time foodplant records or habitat descriptions have been included.

Migration. Numerous reports of migratory species have appeared in past summaries, most of them for *Danaus plexippus*. Movements of emigratory species such as *Vanessa cardui*, *Nymphalis californica*, *Dione vanillae*, *Libytheana bachmanii*, *Phoebeis sennae*, and *Ascia monuste* have been reported on numerous occasions. Data on *Danaus plexippus* and *Vanessa cardui*, taken in part from the Summary, were included by C. B. Williams in his book *Insect Migration* (1958).

Strong Points

In assaying the strong points of past summaries, I have taken into consideration not only the number of reports, but how well they seem to have fulfilled their intended goals. This evaluation is personal and subjective and, as such, may not agree with the opinions of others.

Distribution. The main goal of the Summary in the opinion of many members is that it should serve as a source of information regarding new localities for rare or choice species. It is often utilized by collectors to plan field trips for the next season. In this regard the summary has frequently fulfilled its unstated purpose at least in some western states, to judge from the number of collectors one encounters in "well-reported" localities.

Seasonality. The range of dates of occurrence for the common species in an area, especially when compared to the range of dates in previous years, provides a valuable information store which may be relied upon by future students and collectors.

Migration. The observations of migratory and emigratory Lepidoptera is one of the most important features of the Summary when taken on a year to year basis.

Weak Points

Overall. The three most obvious and most frequently cited weaknesses of the Summary have been (1) emphasis on butterflies and skippers with a corresponding under-emphasis on the remainder of the order, (2) emphasis on rare species, and (3) uneven geographical coverage. While the last weakness is unavoidable due to the uneven geographic distribution of the Society membership, some attempts could be made to improve with respect to the first two defects. Any improvement lies with the source, i.e. the total sum of field data from which contributors select what they deem most worthy of reporting. Then the regional coordinators select what they deem most worthy of including in their zone reports. Since most of the coordinators are primarily interested in butterflies, and since the fairest way to sort through the

sometime voluminous information submitted by contributors is to select the reports for what they know are "good" species, we end up in the kettle we are in.

Distribution. A visit to one of the continent's major collections, such as the American Museum of Natural History, the U. S. National Museum, the Carnegie Museum, or the Canadian National Collection, will demonstrate the futility of reporting distribution records for North American butterflies and macro-moths. The task is essentially complete, and most (not all) efforts directed at increasing our knowledge of the distribution of these insects in our Summary have been redundant. Any professional lepidopterist, when investigating the distribution of insects, places his supreme confidence in museum material, and treats with justifiable suspicion all literature reports, which are not supported by material deposited in some major institutional collection.

Seasonality. The attempts in the Summary at correlating weather phenomena with the appearance of Lepidoptera in the field are of dubious value. These correlations are usually anecdotal observations, and are not based upon a knowledge of the insect's physiological characteristics, nor presented in a quantitative manner.

Since some individuals of a population must appear each year, mate, and deposit eggs to ensure the future survival of the population (by definition), statements such as "*Xus albus* did not fly this year" or "was absent in Iowa" only indicate that the contributor was not successful in locating the individuals that did fly or were present.

Ecology. The correlation of population levels with habitat change, pesticide usage, or weather cycles, while usually well-intended, have been largely of no value. Such changes should be backed by yearly quantitative figures and directly associated with the inferred phenomenon by the use of proper controls.

Future

In recent years our society has become justifiably concerned with the preservation and maintenance of our

precious environmental heritage. At several of the annual meetings we have discussed the problem of how the Society might make a meaningful contribution to the conservation movement and, further, how we might relate our knowledge of changes in population levels of Lepidoptera to changes in environmental quality.

As one possible solution to this problem, we might be able to make our Summary a more accurate indicator of changes in populations of Lepidoptera as they occur through the years. Most important to the accumulation of this sort of knowledge is the careful monitoring of species which occur in the immediate vicinity of our own "home base." If we can demonstrate correlations between changes in Lepidoptera populations and changes in the environment, either positive or negative, then we will have used our own special skills to contribute to the knowledge of the effects of man's alterations of the natural environment.

Paul A. Opler



LIBRARY

The library of The Lepidopterists' Society is housed in Room 242 of the Science Building, California State University-Northridge, Northridge, California 91324 USA. Its location here is something of a historical accident. Originally, publications received in exchange for the *Lepidopterists' News* were kept by Dr. Remington, the first editor and one of the Society's founders, at Yale University. As a graduate student there, I began writing abstracts for the Recent Literature section of the *News*, and eventually became Associate Editor in charge of this section, continuing preparation and assembly of abstracts in Jamaica and at Yale until 1958. When I came to San Fernando Valley State College (now CSU-Northridge) in that year, it seemed reasonable to have the library go with me, in order to facilitate my continuing preparation of the Recent Literature section. I do not now recall what formalities led to my being appointed librarian (12:160).

Unfortunately, the flood of scientific literature which has appeared since World War II led eventually to the preparation of far more abstracts than could possibly be published in the *Journal*. Even so, our aim of providing complete coverage of the world literature on Lepidoptera was far from being realized, in spite of the invaluable assistance of Dr. Josef Moucha (Czechoslovakia), Dr. Eugene G. Munroe (Canada), Dr. A. Diakonoff (Netherlands), and other devoted contributors. (I should like to call the attention of members who have missed the Recent Literature section to the new *Journal*, *Entomology Abstracts*, which in the last few years has been providing the most complete, prompt, and convenient coverage of entomological literature available anywhere.)

The original reason for the location of the library here has therefore disappeared. In addition, the space available is finite, and the lack of money for binding periodicals to prevent their deterioration is a matter for concern. Neither of these problems will become critical for some years, but the Society might well give some thought to the future of this collection.

Meanwhile, the library is, I regret to say, hardly used by members. This may be due in part to the presence of

excellent libraries locally (for instance, at the University of California-Berkeley, and the Los Angeles County Museum). Lack of publicity may also be responsible, though efforts have been made at meetings and in the *News* to call members' attention to its availability. Judging from the membership list, there should be many people in this area who would find the library useful (though the only amateurs I seem to meet are beetle men). Let us make a further attempt to arouse interest.

The library contains complete, or nearly complete, sets of some 40 periodicals devoted in whole or in part to entomology, for the last 10-25 years (depending on the journal), and incomplete sets of as many more. In addition there is a large collection of reprints and books donated by authors and members. [It is hoped that all *Journal* authors will send two copies of their reprints to the Society library.] Any of this material is available on loan to members; those in the area are welcome to visit and use it, and others may borrow anything we have for the cost of postage.

LIST OF SOME SERIALS IN THE SOCIETY LIBRARY

Acta Entomologica Bohemoslovaca - Czechoslovakia, vols. 44-61, formerly *Casopis Ceskoslovenska Spolecnosti Entomologicke*

Acta Zoologica Lilloana - Argentina, 1963 +

Alexanor - France, 1961 +

Amateur Entomologists' Society Bulletin - England, 1960 +

Annalen des naturhistorischen Museums in Wien - Austria, 1951 +

Annales Zoologici Fennici - Finland, 1 (1964) +

Annales Zoologici - Poland, 1947 +, formerly *Annales Musei Zoologici Polonici*

Beiträge zur Entomologie - Germany, 1951 +

Butterflies and Moths - Japan, vols. 1-21, 1970, (continued as *Tyo to Ga*, and *Lepidopterological Society of Japan, Transactions*)

Coleopterists' Bulletin - USA, 1947-57

Deutsche entomologische Zeitschrift - Germany, 1954 +

Entomologia Sinica - China, 1947-51

Entomological News - USA, 1957 +

Entomologicheskoe Obozreni (Revue russe d'entomologie) - USSR, 1947 +

Entomologische Berichten - Netherlands, 1950 +

Entomologische Nachrichten - Germany, 1947 +

Entomologisk Tidskrift - Sweden, 1957 +

Entomologiske Meddelelser - Denmark, 1957 +

Entomologist - England, 1959, 1961 part only

Entomologists' Gazette - England, 1950 +

Entomologist's Record - England, 1962 +

Entomophaga - France, 1956-70

Fragmenta Faunistica - Poland, 1946 +

Insecta Matsumurana - Japan, 1952 +

Keys for the Identification of Polish Insects - Poland, 1954 +

Kontyu - Japan, 1970 +

Lambillionea - Belgium, 1947 +

Lepidoptera - Denmark, 1946-50, and new series vol. 1+ (1965+)

Lepidopterological Society of Japan, Bulletin; Journal - 1946 +

Mitteilungen der Münchner Entomologischen Gesellschaft - Germany, 1943 +

Mushi - Japan, 1950 +

Nachrichtenblatt der bayerischen Entomologen - West Germany, 1952 +

Notulae Entomologicae - Finland, 1962 +

Opuscula Entomologica - Sweden, 1959-69

Polskie Pismo Entomologiczne - Poland, 1967-69

Revue française de Lepidopterologie - France, 1947-57

Royal Entomological Society of London, Proceedings - England, Ser. B, 1961 +

Shikoku Entomological Society, Transactions - Japan, 1950+

Societas Entomologica Cechosloveniae, Casopis (Acta) - Czechoslovakia, 1947 +

South London Entomological and Natural History Society, Proceedings and Transactions - England, 1952 +

Vsesoyuznoe Entomologicheskoe Obshchestvo Trudy - USSR, 1963 +

Wasmann Journal of Biology (was Wasmann Collector) - USA, 1948 +

Wiener entomologische Gesellschaft, Zeitschrift - Austria, 1945 + (vol. 56 +)

Zeitschrift der Arbeitsgemeinschaft oesterreichischer Entomologen - Austria, vols. 12-18, 1966, formerly Entomologisches Nachrichtenblatt - Switzerland, vols. 1-11

Peter F. Bellinger

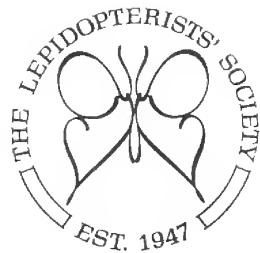
DISTINGUISHED SERVICE

The Society has two principal methods of recognizing outstanding and distinguished service in the field of lepidopterology: (1) electing individuals to Honorary Life Memberships, and (2) awarding individuals the Karl Jordan Medal.

HONORARY LIFE MEMBERSHIPS. Persons who have made important contributions to the science of lepidopterology may be elected Honorary Life Members. Such members are nominated by the unanimous vote of the Executive Council, and then must receive at least 80% of all mail ballots cast by the membership. Not more than two may be elected in any one year (Art. V, Sec. 3, Constitution), and the number of living Honorary Life Members is restricted to ten (Art. III, Sec. 6). These members are exempt from paying dues and they receive, without charge, copies of all Society publications (Art. I, Sec. 4, By-Laws).

The following is an alphabetical list of all honorary life members through the 1972 nominations/elections. Following each name is the lifespan if deceased, the year of election to Honorary Life Membership (with reference citation), and the country in which the individual resides. Also, if deceased, known obituary citations are given.

BRAUN, Annette F., 1960 (6:1/60) USA
BROWN, F. Martin, 1973 (27:86) USA
CARPENTER, G. D. Hale (1883-1953), 1952 (6:121) ENGLAND;
obituary, portrait, bibliography: 8:31; *Brit. Med. J.*
1:406
COMSTOCK, John A. (1883-1970), 1969 (2:1/69) USA; obit-
uary, portrait 25:215
DOS PASSOS, Cyril F., 1973 (27:86) USA
EVANS, William H. (1876-1956), 1952 (6:121) ENGLAND;
obituary, portrait, bibliography: 10:193.
FORBES, William T. M. (1885-1968), 1952 (6:121) USA;
obituary: *Entomol. News* 8(4)
FORD, Edmund B., 1960 (6:1/60) ENGLAND
FORSTER, Ernst W., 1969 (2:1/69) GERMANY
GEROULD, John H. (1867-1961), 1959 (3:1/59) USA; obit-
uary: 5&6:1/61; 12:190
HERING, Erich M. (1893-1967), 1956 (10:80) GERMANY;
obituary, portrait: 22:123



This certifies that

has been duly elected

HONORARY LIFE MEMBER

of the Lepidopterists' Society by vote of the membership
of the Society in the year and is entitled to all
of the rights and privileges appertaining thereto.

President

Secretary

Fig. 1. The certificate awarded to Honorary Life Members of the Society.

JANSE, Antonie J. T. (1877-1970), 1970 (6:1/70) SOUTH AFRICA; obituary, portrait: 25:211

JORDAN, Heinrich Ernst Karl (1862-1959), 1952 (6:121) ENGLAND; obituary: 12:198; obituary, portrait, bibliography: *Biograph. Mem. Fellows Royal Soc.* 6

KLOTS, Alexander B., 1972 (2:16/72) USA

MC DUNNOUGH, James H. (1877-1962), 1952 (6:121) CANADA;
obituary, portrait, bibliography: 16:209; *Entomol. News* 41:179

MUNROE, Eugene G., 1972 (2:16/72) CANADA

REMINGTON, Charles L., 1966 (3:1/66) USA

WILLIAMS, C. B., 1959 (3:1/59) SCOTLAND

KARL JORDAN MEDAL. This medal is awarded in recognition of original research, and is not intended to be a career award as in the case of Honorary Life Memberships. The prize consists of an engraved silver medal, a \$1000 cash award and travel expenses for the recipient(s) to accept the award. It was proposed by Mr. A. C. Allyn in recognition of the Society's 25th Anniversary meetings in San Antonio, Texas. It will be funded, on a year-to-year basis for the present, through the Allyn Museum of Entomology. The procedures and criteria for awarding the Jordan Medal are (26:207):

1. An award committee will be established consisting of:
 - A. One representative to be designated by the Allyn Museum of Entomology;
 - B. The President of the Lepidopterists' Society, unless he is affiliated with the Allyn Museum of Entomology, in which case the First Vice President of the Society will be part of the award committee; and
 - C. An elected member of the Lepidopterists' Society to be known as "the Jordan Medal Representative" who will serve a one-year term and will not be affiliated with the Allyn Museum of Entomology.
2. The medal will be awarded only by the *unanimous* vote of the committee. This, of course, will result in the medal not being awarded in some years, but it is felt that the requirement for unanimity of the committee will be a safeguard in assuring that only work of the highest quality is awarded.
3. The award will be for original research, not for the compilation of already known facts. The judgment of where the line must be drawn between research and compilation will be left to the discretion of the committee and may be expected to change from year to year as different people are involved.
4. The award may be based upon a single piece of research or on a series of interrelated works, and the

work must be at least three, but not more than twenty-five years old.



Fig. 2. The Karl Jordan Medal.

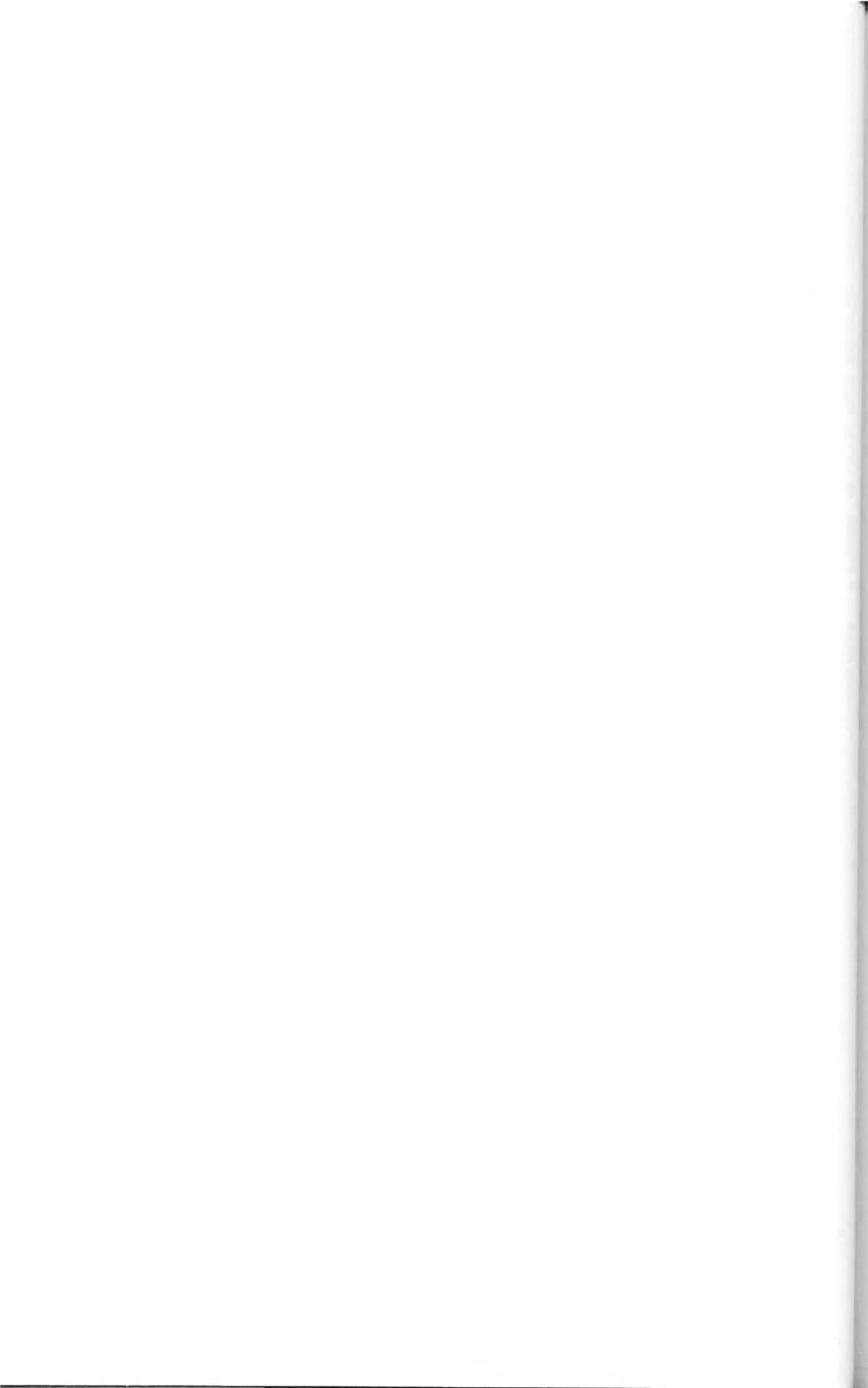
5. Jointly awarded prizes will be allowed only in instances of coauthorship, and the cash prize for that year will be divided equally between the workers or their heirs. In instances of jointly awarded prizes, duplicate medals will be presented, and travel expenses for more than one worker will be allowed.
6. No member of the Jordan Medal award committee will be eligible to receive the prize during his tenure, but will not be ineligible in succeeding years.
7. The recipient of the Jordan Medal need not be a member of the Lepidopterists' Society. It is hoped, however, that if the recipient is not a Society member that he may elect to become one.

8. Nominations for recipients of the Jordan Medal will be accepted from any member of the Lepidopterists' Society and should be sent to: Jordan Medal Awards Committee, Allyn Museum of Entomology, 3701 Bay Shore Road, Sarasota, Florida 33580 USA.

The first Karl Jordan Medal was awarded 23 June 1973 to M. Henri Stempffer of Paris, France, for various works on the Lycaenidae, especially of Africa, and in particular his "Genera of the African Lycaenidae (Lepidoptera: Rhopalocera)," *Bull. British Museum (Nat. Hist.)* 10 (Suppl.). 322 pp., illustrated (1967). The Awards Committee consisted of: Lee D. Miller, Allyn Museum representative; J. F. Gates Clarke, President of the Lepidopterists' Society; and Frederick H. Rindge, Jordan Medal Representative of the Society.

The second Karl Jordan Medal was awarded 24 August 1974 to Frederick W. Stehr, Michigan State University, East Lansing, for his "A Revision of the Genus *Malacosoma* Hübner in North America (Lepidoptera: Lasiocampidae): Systematics, Biology, Immatures, and Parasites," *Bull. U.S. Nat. Mus.*, No. 276, 321 pp., illustrated (1968). The Awards Committee consisted of: Lee D. Miller, Allyn Museum representative; Harry K. Clench, President of the Lepidopterists' Society; and W. Donald Duckworth, Jordan Medal Representative of the Society.

No medal was awarded in 1975 or 1976. Those serving on the Awards Committee for these years were: Lee D. Miller, Allyn Museum Representative; Harry K. Clench and Ronald W. Hodges, Society Presidents; Jerry A. Powell and Cyril F. dos Passos, elected Representatives of the Society.



PERSONNEL

Officers and Editors

PRESIDENTS

Listed here in chronological order through 1976 are those who have served as President of the Society. Biographical data for these and others who have served the Society in an official capacity may be found under the title Biographical Sketches.

1951	James H. McDunnough, <i>Canada</i>	1964	John G. Franclemont, <i>USA</i>
1952	H. E. Karl Jordan, <i>England</i>	1965	Frederick H. Rindge, <i>USA</i>
1953	William T. M. Forbes, <i>USA</i>	1966-67	Don B. Stallings, <i>USA</i>
1954	A. Diakonoff, <i>Netherlands</i>	1968	F. Martin Brown, <i>USA</i>
1955	Lauro P. Travassos, <i>Brasil</i>	1969	David F. Hardwick, <i>Canada</i>
1956	Thomas N. Freeman, <i>Canada</i>	1970	Edmund B. Ford, <i>England</i>
1957	Alexander B. Klots, <i>USA</i>	1971	Charles L. Remington, <i>USA</i>
1958	Norman D. Riley, <i>England</i>	1972	Lloyd M. Martin, <i>USA</i>
1959	Eugene G. Munroe, <i>Canada</i>	1973	J. F. Gates Clarke, <i>USA</i>
1960	E. Walter Forster, <i>Germany</i>	1974	Harry K. Clench, <i>USA</i>
1961	Takashi Shirôzu, <i>Japan</i>	1975	André Blanchard, <i>USA</i>
1962	John A. Comstock, <i>USA</i>	1975/76	Ronald W. Hodges, <i>USA</i>
1963	H. B. D. Kettlewell, <i>England</i>	1976/77	Stanley S. Nicolay, <i>USA</i>

In addition to the above, 58 others have served as Vice-President during the same period. Their names are given in alphabetical sequence together with the year they served

and the country which they represented: Shigeru A. Ae (1972) *Japan*, Ramon Agenjo (1965) *Spain*, Burchard Alberti (1967) *Germany*, Hans G. Amsel (1964) *Germany*, Carlos R. Beutelspacher (1976) *Mexico*, Ceslau M. Biezanko (1963) *Brasil*, Annette F. Braun (1954) *USA*, Don Alberto Breyer (1955) *Argentina*, Lincoln P. Brower (1970) *USA*, Keith S. Brown (1972) *Brasil*, Hahn W. Capps (1957) *USA*, Georg Christensen (1958) *Denmark*, Austin H. Clark (1950-51) *USA*, Cyril A. Clarke (1966) *England*, Ian F. B. Common (1957,65) *Australia*, Charles F. Cowan (1973) *England*, Romualdo F. d'Almeida (1952) *Brasil*, Hubert DeLesse (1961) *France*, Donald R. Davis (1975) *USA*, Tarsicio Escalante (1962) *Mexico*, Maria Etcheverry (1967) *Chile*, Hugh A. Freeman (1971-72) *USA*, Lancelot A. Gozmany (1956) *Hungary*, Lionel P. Grey (1952) *USA*, Kenneth J. Hayward (1951) *Argentina*, Claude Herbulot (1960) *France*, Erich M. Hering (1953) *Germany*, Sidney A. Hessel (1969) *USA*, Howard E. Hinton (1965) *England*, William Hovanitz (1975) *USA*, Hiroshi Inoue (1962) *Japan*, Frank M. Jones (1954) *USA*, Julian Jumalon (1971) *Philippines*, Sergius G. Kiriakoff (1963) *Belgium*, Josef W. Klimesch (1968) *Austria*, Zdravko Lorkovic (1959,66) *Yugoslavia*, Olaf H. H. Mielke (1975) *Brasil*, Jose Oiticica (1950) *Brasil*, Yoshio Okada (1953) *Japan*, Kenelm W. Philip (1971) *USA*, Dalibor Povolny (1957) *Czechoslovakia*, Jules C. E. Riotte (1974) *Canada*, Miriam Rothschild (1976) *England*, Kazuo Saitoh (1964) *Japan*, Theodore D. Sargent (1976) *USA*, Demetrius G. Sevastopulo (1967) *Kenya*, Henri Stempffer (1968) *France*, Esko Suomalainen (1966) *Finland*, W. H. T. Tams (1960) *England*, Fred T. Thorne (1958) *USA*, James W. Tilden (1970) *USA*, G. van Son (1961) *South Africa*, L. Vari (1974) *South Africa*, Leonila Vazquez G. (1958,69) *Mexico*, Pierre E. L. Viette (1955,64) *France*, Edward G. Voss (1961) *USA*, Georg H. G. Warnecke (1956) *Germany*, Carrington B. Williams (1969) *Scotland*.

SECRETARIES

1947-50	Charles L. Remington
1951-54	Frederick H. Rindge
1955-57	John G. Franclemont
1958-63	Paul R. Ehrlich
1964-71	John C. Downey
1972-76	Lee D. Miller
1977-	Julian P. Donahue

TREASURERS

1947-50 Charles L. Remington
1951-52 J. Benjamin Ziegler
1953-58 Sidney A. Hessel
1959-65 George Ehle
1966-68 Roy O. Kendall
1969 John S. Buckett
1969-74 Stanley S. Nicolay
1975- John M. Snider

EDITORS OF NEWS/JOURNAL

1947 Charles L. Remington,
Harry K. Clench
(co-editors)
1948-63 Charles L. Remington
1964-69 Jerry A. Powell
1970-71 David F. Hardwick
1972-74 Theodore D. Sargent
1975- George L. Godfrey

EDITORS OF NEWS

1959-64 James W. Tilden
1964-70 Erval J. Newcomer
1970-73 Charles V. Covell, Jr.
1973-76 Ronald Leuschner
1977- Jo Brewer (Mrs. William D. Winter, Jr.)

EDITORS OF SUPPLEMENTS

1969-70 Jerry A. Powell
1971- Lee D. Miller

MANAGERS OF MEMOIRS

1962-74 Sidney A. Hessel
1975- Charles V. Covell, Jr.

Charter Members

A Charter Member is anyone who joined the Society in 1947 (1:12). In the following list, deceased members are noted by the abbreviation (d.), and the year of death is given, if known. Unless otherwise indicated, the individual is assumed to be alive as of 31 December 1976. Those who were still shown in the 30 September 1976 Membership List are marked (*).

Ackermann, Otto	(d.)	Pennsylvania
*Adams, Joseph W.		Pennsylvania
Adelphe, David P.	(d.)	(Ontario) CANADA
Ahlen, Charles		New York
*Albright, Ray		Oregon
Alexander, Charles P.		Massachusetts
Allison, A. Crawford G. (Mrs.)		Pennsylvania
Anderson, Andrew	(d.)	Washington
Araujo, R. L.		BRASIL
Arnhold, Francis R.	(d. 1959)	Wisconsin
Avinoff, Andrey	(d. 1949)	New York
Bailey, Norman S.		Massachusetts
Baker, Clement W.	(d. 1950?)	Ohio
*Baker, James H.		Oregon
*Bauer, David L.		California
Bauer, William R.		California
Beal, John L.		North Carolina
Beebe, Ralph	(d.)	Michigan
Bell, Ernest L.	(d. 1964)	New York
Berry, Dean F.	(d. 1949)	Florida
Bishop, John A.		Kentucky
Boswell, John S. C.		Tennessee
*Braun, Annette F.		Ohio
Bridwell, Louis H.	(d. 1951)	Texas
Bristol, Maurice L.	(d. 1975)	Illinois
*Brower, Auburn E.		Maine
*Brown, F. Martin		Colorado
Bruggemann, Paul F.		(Saskatchewan) CANADA
Brumbaugh, John M.		Texas
Buchholz, Otto	(d. 1958)	New Jersey
*Calkins, Virgil F.		Washington
Carpenter, A. J.	(d.)	Massachusetts
Carpenter, Frank M.		Massachusetts
Carpenter, S. C.		Connecticut

Carr, Robert	Ohio
Cary, Margaret M. (d. 1969)	Pennsylvania
Casselberry, Raymond C. (d. 1954)	New York
*Chermock, Ralph L.	Alabama
*Christensen, Georg	GREECE
Clark, Austin H. (d. 1954)	District of Columbia
Clay, Charles I.	California
Clement, Ian D.	Massachusetts
*Clench, Harry K.	Pennsylvania
Comstock, John A. (d. 1970)	California
Coher, Edward I.	Massachusetts
*Cook, Carl	Kentucky
Cook, William C. (d. 1967)	Washington
Crawford, John W.	Massachusetts
Creelman, James L.	California
Crickmer, Noel	California
*Davies, Thomas W.	California
Davis, John E.	Oregon
Dickenson, Ronald	California
*dos Passos, Cyril F.	New Jersey
*Downey, John C.	Iowa
Dreisbach, Robert R.	Michigan
*Eff, J. Donald	Colorado
*Ehrlich, Paul R.	California
Eustis, Henry W. (d. 1951)	Georgia
*Evans, William H.	District of Columbia
Fattig, Perry W. (d. 1953)	Georgia
Fauteux, Jacques M.	Massachusetts
*Ferguson, Douglas C.	District of Columbia
Ferguson, Elias A.	Ohio
*Field, William D.	District of Columbia
Field, W. L. W. (d.)	Massachusetts
Fitch, Richard J. (d. 1961) (Saskatchewan)	CANADA
Forbes, William T. M. (d. 1968)	New York
*Ford, Edmund B.	ENGLAND
*Ford, Robert J.	California
*Franclemont, John G.	New York
*Frechin, Donald P.	Washington
*Frederick, Albert C.	Texas
Frederick, Edward J.	California
*Freeman, Hugh A.	Texas
Freeman, Thomas N. (d. 1975)	(Ontario) CANADA
Friday, F. W. (d.)	California
Fuller, Stanley F. (d. 1966)	Virginia
Gerhard, William J. (d. 1958)	Illinois
Gerould, John H. (d. 1961)	New Hampshire
Glasgow, Clyde L. (d. 1951)	Wyoming

*Glenn, Murry O.	Illinois
*Glick, Perry A.	Texas
*Gottschalk, Carl W.	North Carolina
Gray, Percy H. H. (d. 1971)	(Quebec) CANADA
*Grey, Lionel P.	Maine
Griewisch, Louis W.	Wisconsin
Grimshawe, Florence M.	Florida
Guedet, Edward F. (d. 1967)	California
*Guppy, Richard	(British Columbia) CANADA
Hall, Arthur D. (d. 1949)	(Nova Scotia) CANADA
*Hammer, William A.	California
*Hardwick, David F.	(Ontario) CANADA
*Harris, Lucien, Jr.	Georgia
Heid, Graham	California
*Heineman, Bernard	New York
Hessel, Sidney A. (d. 1974)	Connecticut
Holley, F. E.	Illinois
Hopfinger, John C. (d. 1961)	Washington
Hovanitz, William	California
Hulbirt, Lowell H.	California
[=Edwin Ray Hulbirt] (d. 1965)	California
Hynes, Vonta P.	Michigan
*Irwin, Roderick R.	Illinois
Jay, William	Pennsylvania
Johnston, Edward C. (d. 1951)	Washington
Johnston, William M.	Massachusetts
Jordan, H. E. Karl (d. 1959)	ENGLAND
Kaiser, Justus	New York
Keith, Edward D. (d. 1949)	Rhode Island
*Keji, Joseph A.	New York
Kellner, John J.	New York
Key, Edward S.	Ohio
*Kimball, Charles P.	Massachusetts
*King, Harold L.	Florida
Kiriakoff, Sergius G.	BELGIUM
Kirkwood, Carl W. (d. 1972)	California
*Klots, Alexander B.	Connecticut
Lauck, Albert G. (d.)	Illinois
Learned, Elmer T.	Massachusetts
Lennox, Donald J.	California
Lindsey, Arthur W. (d. 1963)	Ohio
Mack, Myrtle A.	California
*Macy, Ralph W.	Oregon
*Martin, Lloyd M.	Arizona
*Mather, Bryant	Mississippi
*Mattoni, Rudolf H. T.	California
McAlpine, Wilbur S.	Michigan

McDunnough, James H. (d. 1962)	New York
McElhose, Arthur L. (d. 1954)	Illinois
*McElvare, Rowland R.	North Carolina
*McHenry, Paddy B.	California
Meiners, Edwin P. (d. 1960)	Missouri
*Merker, Charles G.	Pennsylvania
Meyer, William T.	California
Michener, C. D.	New York
Moeck, Arthur H. (d. 1971)	Wisconsin
Moyer, Howard C.	Pennsylvania
Mueller, Paul H.	New York
*Munroe, Eugene G.	(Ontario) CANADA
Murphy, Gardner (d.)	Massachusetts
Nabokov, Vladimir	New York
*Napier, Arthur H.	Pennsylvania
Nelson, Carl J. E.	Colorado
Newman, John H.	Michigan
*Nicolay, Stanley S.	Virginia
*Nielsen, Mogens C.	Michigan
O'Byrne, Harold I. (d. 1951)	Missouri
Orchard, Charles D.	Texas
Panske, Leonard G.	Illinois
Park, Francis E.	Massachusetts
Parker, Dwight E.	Arizona
*Peters, George	Pennsylvania
Pickel, Benjamin H.	Missouri
Price, Homer F.	Ohio
*Quelch, C. S.	(Manitoba) CANADA
*Rawson, George W.	Maryland
Reese, Jean	Maryland
Reeves, Robert T.	California
Reid, Robert H.	California
*Remington, Charles L.	Connecticut
*Remington, Jeanne E.	Connecticut
Remington, P. Sheldon (d. 1975)	Connecticut
Renk, John J.	Wisconsin
*Riley, Norman D.	ENGLAND
*Rindge, Frederick H.	New York
*Roberds, Joseph	California
*Robert, John H.	SPAIN
Robinson, Paul F.	Massachusetts
Rogers, W. Prescott (d. 1953)	Massachusetts
*Rupert, Laurence R.	New York
Salazar, M. (Sr.)	HONDURAS
Schoenherr, William H.	Illinois
Schroeter, Otto H. (d. 1957?)	Connecticut

*Shappirio, David G.	Michigan
*Sheppard, Arthur C.	(Quebec) CANADA
*Shoumatoff, Nicholas	New York
*Sieker, William E.	Wisconsin
Smalley, Stephen B.	Ohio
Smith, Claude I. (d. 1949)	California
Smith, Marion E.	Massachusetts
Smith, M. Eugene	Georgia
*Spelman, Morris	Florida
Sperry, John L. (d. 1954)	California
Stauffacher, Emil W. (Mrs.) (d. 1962?)	Wisconsin
*Stallings, Don B.	Kansas
*Stempffer, Henri	FRANCE
Sternitzky, Robert F.	Arizona
Stevens, Herbert (d.)	ENGLAND
*Struck, B.	Texas
Sweadner, Walter R. (d. 1951)	Pennsylvania
Sweetman, Harry F.	Minnesota
Thomas, George W.	Missouri
Thomson, Samuel C. (d. 1973)	Texas
*Thorne, Fred T.	California
Tietz, Harrison M. (d. 1964)	Texas
*Tilden, James W.	California
*Towers, Abner A.	Georgia
Travassos, Lauro P. (d. 1970)	BRASIL
Travis, Dorothy	Massachusetts
Troyer, Sprague	(Ontario) CANADA
Varnier, M.	FRANCE
Vogel, Harold A.	Michigan
*Voss, Edward G.	Michigan
Weber, Bernie H.	California
Werner, Floyd G.	Massachusetts
*Whittaker, Robert H.	New York
Wilhelm, Herman P. (d. 1970)	Connecticut
Williams, Joseph L. (d.)	District of Columbia
*Wilson, Kent H.	Oklahoma
Wind, Robert G. (d. 1975)	(Chiapas) MEXICO
Wood, Carroll E., Jr.	Virginia
Woodcock, Harold E. (d.)	Illinois
Woodcock, Joseph M.	New York
Wyatt, Alex K. (d. 1971)	Illinois
Young, Frank N.	Indiana
*Zappalorti, Michael A.	New York
*Ziemer, Sylvester E.	Wisconsin

INSTITUTIONAL SUBSCRIBERS IN 1947

American Entomological Society
Bio-metal Associates
Butterfly Store
Oregon State College Library
University of Kansas Library

Pennsylvania
California
New York
Oregon
Kansas

Obituaries/Biographies/Bibliographies

Listed here are all lepidopterists for whom an obituary notice has appeared in the Society's periodicals. In some instances only the announcement of death was given; in others, a complete biography, portrait and bibliography. Available data, with appropriate reference citations, are shown following each name.

ABBOT, John (1751-183?), portrait 2:28, 43, 108; 4:25.
ARNHOLD, Francis R. (1904-1959), 15:124.
AVINOFF, Andrey (1884-1949), 3:11, 77, 114, portrait 4:7.
BARNES, William (1860-1930), portrait 3:53, 17:117.
BARON, Oscar T. (1847-1926), including travels 19:35.
BAYER, Lutz (d. 1973), 3:6/73.
BELL, Ernest L. (1876-1964), 19:190.
BERRY, Dean F. (d. 1949), 4:31, 36.
BEURET, Henry (1901-1961?), 5&6:2/61.
BÖRNER, Carl J. B. (1880-1953), 2:61, 3:11, 8:30.
BOSCH, C. (d. 1948), 2:49.
BOWER, Harold M. (1888-1963), 18:192.
BRIDWELL, Louis H. (d. 1951), 5:126.
BRISTOL, Maurice L. (1890-1975), 30:152.
BROOKS, Cecil J. (1875-1953), 9:22.
BROOKS, George S. (1872-1947), 2:1.
BRYK, Felix (1882-1957), 11:55.
BUCHHOLZ, Otto (1874-1958), 13:27.
BURDICK, William N. (1887-1960), 5&6:2/61, 16:246.
BURK, Jakob (1899-1962?), 1:1/62.
CARPENTER, G. D. Hale (1882-1953), 7:64, portrait,
 bibliography 8:31.
CARR, F. M. B. (d. 1967?), 3:3/67.
CARY, Margaret (1882-1969), 2:6/69.
CASSELBERRY, Raymond C. (1900-1954), 8:30.
CHERMOCK, Franklin S. (d. 1967?), 1:1/68.
CLARK, Austin H. (1880-1954), 8:168, portrait,
 bibliography 9:151.
CLARK, Gowan C. (1888-1964), portrait 18:195.
COCKERELL, Theodore D. A. (1866-1948), portrait 2:14.
COLBERT, A. Steven (d. 1948) 2:79.
COMSTOCK, John A. (1883-1970), portrait 25:215.
COMSTOCK, William P. (1880-1956), 13:30.
COOK, John H. (1878-1958), 12:207.
COOK, William C. (1895-1967), portrait 21:279.
COWPER, Denis (d. 1974), 6:1/75, 1:1/76.
CRETSCHMAR, Max (1901-1961), 1:1/62.

D'ALMEIDA, Romualdo F. (1891-1969), 1:4/71, portrait
28:293; bibliography 29:40.

DANILEVSKI, Alexandr S. (1911-1969), portrait 24:70.

DANNENBERG, K. (d. 1948), 2:61.

DAVIDSON, William M. (1887-1961), 1:1/62, 16:250, 17:117.

DE JOANNIS, Joseph R. P. (1854-1932), portrait 3:77.

DE LA TORRE BUENO, Jose R. (1872-1948), 2:42.

DE LATTIN, Gustaf (d. 1968), 2:6/69.

DE LESSE, Hubert (1914-1972), 5:3/72, bibliography 26:268.

DERENNE, F. (d. 1948), 2:80.

DJAKONOV, Aleksandr M. (1888-1956), 11:55.

DOETS, Cornelis (1894-1952), 7:24.

DOMINICK, Richard B. (1919-1976), 3:4/75.

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DUERCK, H. (d. 1948), 2:49.

DUPONT, F. (d. 1942), 2:79.

DYAR, Harrison G. (1866-1929), 1:30.

EDWARDS, Henry (1830-1891), portrait 2:7.

EDWARDS, William H. (1822-1909), 1:8, portrait 2:54,
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EGGERS, F. (d. 1948), 2:61.

EUSTIS, Henry W. (1877-1951), 6:77.

EVANS, William H. (1876-1956), 10:101, portrait,
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FARQUHAR, Donald W. (d. 1963?), 5:2/63.

FATTIG, Perry W. (1881-1953), 8:30.

FEDERLEY, Harry (1879-1951), bibliography 5:126, 6:57.

FORSYTH, Marguerite S. (1889-1952), 5:126, 6:76.

FOX, Richard M. (1911-1968), bibliography 22:192.

FRENCH, George H. (1841-1935), portrait 2:40.

FUKUSHIMA, I. (d. 1948?), 2:95.

GAEDE, Max (d. 1948), 2:61.

GEROULD, John H. (1867-1961), 5&6:1/61, 12:190.

GLASGOW, Clyde L. (1870-1951), 4:110.

GLOOR, Eugene E. (d. 1949), 3:64, 72.

GLOVER, Townend (1833-1883), portrait 1:1/71.

GOTLIEB, Stanley R. (1937-1971?), 1:5/72.

GRAY, Percy H. B. (1891-1971), bibliography 6:2/71,
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GROTE, Augustus R. (1841-1903), portrait 2:17.

GUNDER, Jeane D. (1888-1948), 2:105.

HAIG-THOMAS, Peter (d. 1959?), 2:1/59.

HAYWARD, Kenneth J. (1891-1972), 5:3/72, portrait 28:79.

HALL, Arthur D. (d. 1949), 3:114.

HEMMING, Arthur F. (1893-1964), 18:237.

HERING, Erich M. (1893-1967), portrait 22:123.

HESSEL, Sidney A. (1907-1974), 5:9/74.

HEWES, Lawrence I. (d. 1950), 4:48.
HOLLAND, William J. (1848-1932), 1:98.
HOPFINGER, John C. (1888-1961), portrait, bibliography
5&6:2/61, 16:147.
HOWARD, Leland O. (1858-1950), 4:69.
HÜBNER, Jacob (1761-1826), portrait, bibliography 3:107.
HULBIRT, Edwin Ray (1886-1965), 19:243, 29:130.
HULST, George D. (1846-1900), portrait 2:66, 8:46.
IMMS, Augustus D. (d. 1949), 3:42.
INGHAM, Charles H. (1904-1957), portrait 11:169.
IWASE, Taro (d. 1970?), 3:1/70.
JACKSON, Thomas H. E. (1903-1968), bibliography 23:131.
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JOHNSON, Frank (1878-1949), 4:30.
JOHNSTON, Edward C. (1888-1951), 5:16, 66.
JONES, Frank Morton (1868-1962?), 7:2/62, 12:190.
JORDAN, H. E. Karl (1862-1959), 12:198, 2:1/59.
KALIS, J. P. A. (1899-1949), 4:48.
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KIRKWOOD, Carl W. (d. 1972), 2:16/72, 29:130.
KOEHLER, Wilhelm (d. 1948), 2:49.
KOVACS, L. (d. 1972?), 3:3/72.
KOZHANCHIKOFF, N. B. (d. 1958), 12:160.
KREMKY, Jerzy (d. 1948), 2:49, 3:4.
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LE MAGNAN, ? ? (d. 1948), 2:80.
LE MARCHAND, S. (1876-1953), 7:166.
LEMMON, Helen Lee ((1916-1967), 22:196.
LENGYEL, Julius F. (d. 1972?), 3:3/72.
LHOMME, Léon (d. 1949), 3:38, 60, 4:9.
LINDSEY, Arthur W. (1894-1963), portrait, bibliography
6:1/59, 17:181.
LOELIGER, Robert (1886-1952), 6:78, 7:23.
MAC DONALD, J. J. (d. 1972), 5:3/72.
MASLOWSKI, Ledwig (d. 1948?), 3:4.
MASLOWSKI, Marjane (d. 1948?), 3:4.
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MELL, Rudolf (d. 1970?), 7:2/70.
MINOT, George R. (1886-1950), 4:9, 24.
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MOSHER, Edna (1879-1972?), 3:3/72.
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PEET, Max Minor (d. 1949), 3:35.
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ROEPKE, Walter K. J. (1882-1961), portrait 14:241.
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SCHULTZE, Willy (d. 1948), 2:49.
SCHWANWITSCH, Boris N. (d. 1958), 12:160.
SCOTT, Arthur H. (d. 1957?), 11:96.
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SMITH, Claude I. (d. 1949), 3:114.
SMITH, John B. (1858-1912), 1:81, 8:46.
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SPERRY, Grace H. (d. 1950), 4:69.
SPERRY, John L. (1894-1954), 8:30.
STAUFFACHER, Emil W. (Mrs.) (d. 1962?), 5:3/62.
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WYATT, Colin (1909-1975), 1:1/76.

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ZERNY, H. (d. 1948), 2:49.

ZIKÁN, W. (d. 1949?), 4:24.

Disposition of Collections

The following is a list of the names of lepidopterists whose collections, large or small, have been deposited in a major museum and the fact recorded in one of the Society's periodicals. In each instance the name of the recipient is given, if known. Private or institutional collections of Lepidoptera which have been destroyed or badly damaged for some reason are also given, when this has been recorded in the Society's periodicals.

ARNHOLD, Francis R. - to Peabody Mus., Yale Univ., 5550, including 1450 *Catocala* (15:124).

AVINOFF, Andrey - to Mus. Acad. Sci. Leningrad, 80,000 Palearctic butterflies, including some 20 types and paratypes; Carnegie Mus., 14,000 Jamaican Lepidoptera (4:7).

BARNES, William - to U. S. National Mus., about 465,000 (3:53).

BELL, Ernest L. - to American Mus. N. H., many hesperiids (19:190).

BERRY, Dean F. - held for sale (2:11).

BIRD, Henry - to American Mus. N. H., 1118 including 32 holotypes, 10 allotypes, 63 paratypes; 400 reared parasites (14:82).

BOCK, Theodore - held for sale (4:73).

BOWER, Harold M. - to Los Angeles Co. Mus., about 40,000 (18:192).

BROOKS, Cecil J. - to British Mus. (NH) and Castle Mus., Norwice (9:22).

BROOKS, George S. - to Manitoba Mus. (2:1).

BUCHHOLZ, Otto - to American Mus. N. H., 12 $\frac{1}{4}$,985 including 6 holotypes, 3 allotypes, 551 paratypes (12:208, 13:27).

BURDICK, William N. - to Univ. Colorado Mus., about 20,000 (16:246).

CARR, F. M. B. - put-up for sale (3:3/67).

CHNEOUR, Alexander - to American Mus. N. H., 806 Tunisian macrolepidoptera (21:180).

COOK, John H. - to A. C. Frederick, New York (12:207).

DE JOANNIS, Joseph (R. P.) - to Mus. National, Paris (3:77).

DE LESSE, Hubert - to Entomol. Lab., Mus. National, Paris (26:270).

DOETS, Cornelis - to Zool. Mus., Amsterdam, macrolepidoptera; Leiden Mus., microlepidoptera (7:24).

DOWNEY, John C. - to Allyn Mus. Entomol., Sarasota, Florida, immatures (5:3/71).

DUPONT, F. - to Agricultural Coll., Wageningen, Sphingidae; Buitenzorg Mus., other Lepidoptera (2:79).

EDWARDS, Henry - to American Mus. N. H., including types (2:7).

EDWARDS, William H. - to Carnegie Mus., Rhopalocera; British Mus. (NH), Heterocera (1:17, 24).

EHRLICH, Paul R. - to American Mus. N. H., 2193 including 122 paratypes, 132 genitalic slides of NA *Erebia* (14:82).

FERGUSON, Douglas C. - to U. S. National Mus., more than 51,000 (25:168).

FREDERICK, Albert C. - to American Mus. N. H., 6459 including more than 700 *ex* John H. Cook collection (21:180).

FREEMAN, Hugh A. - to American Mus. N. H., 2353 Megathyridae, including 9 holotypes, 14 allotypes, 1 neallotype, and 638 paratypes (24:208).

GAGARIN, ? ? - purchased by James R. Neidhoefer for Milwaukee Public Mus., Wisconsin, 16,000 Brazilian (6:1/69).

GEROULD, John H. - to Peabody Mus., Yale Univ. (8:173).

GALACZ, Andreas - offered for sale, about 1500 Indian butterflies (7:7/68).

GILLHAM, Nicholas W. - to Peabody Mus., Yale Univ., mainly Hesperiidae (6:2/63).

GROTE, Augustus R. - to American Mus. N. H., most of Grote & Robinson types; personal collection to British Mus. (NH) (2:17).

GUNDER, Jeane D. - to American Mus. N. H., more than 28,000 (2:105).

HAIG-THOMAS, Peter - to British Mus. (NH) (2:1/59).

HARVARD Mus. Comp. Zool. - to Peabody Mus., Yale Univ., about 800 vials of immatures, including about 60 vials by Edwards (8:104).

HERING, Erich M. - to Mus. Zool. Berlin, 2900 reared, including 425 types (22:123).

HOBERT, Kurt - held for sale (4:73).

HOPFINGER, John C. - to U. S. National Mus., about 18,000 (6:1/64).

HOWE, William H. - to American Mus. N. H., 737 $\frac{1}{4}$ (21:180).

HULBIRT, Edwin Ray - to Citrus Junior Coll., Azusa, California, 18,000 (3:1/63, 5:2/64), 5000 unmounted (19:243); loaned to Los Angeles Co. Mus. (29:130).

HULST, George D. & John B. Smith - to American Mus. N. H. 32,022 including 2200 types, about 1200 holotypes (8:46).

IBARRA, Mariana - to American Mus. N. H., 12,546 (21:180).

INGHAM, Charles H. - to Peabody Mus., Yale Univ. (12:94).

IRWIN, Roderick R. - to Illinois Nat. Hist. Survey, Urbana, 3800, plus 63 *ex* William Henry Edwards collection (25:83, 26:198).

JACKSON, Thomas H. E. - to British Mus. (NH), about 65,000; National Mus. of Kenya, about same number (23:131).

JACOBSON, Edward R. J. - to Leiden Mus. (2:79).

JOHNSON, Frank - to American Mus. N. H. (4:30).

JOHNSTON, Edward C. - to Donald P. Frechin (5:66).

JONES, Frank M. - to Peabody Mus., Yale Univ., major portion, 9200; to U. S. National Mus., Psychidae (8:47).

KALIS, J. P. A. - to Lord Rothschild and British Mus. (NH) (2:79, 4:48).

KIRKWOOD, Carl W. - to Peabody Mus., Yale Univ., part; remainder to Los Angeles Co. Mus. (12:94, 29:130).

KLAGES, ? - to Cornell Univ., including paratypes (6:36).

KLOTS, Alexander B. - to American Mus. N. H., 3468 Pieridae (21:180).

LAUCK, Albert G. - held for sale, about 11,200 (6:55).

LE MARCHAND, S. - Paris Mus., large series French microlepidoptera (7:166).

LE MOULT, Eugene - sold at auction in Paris, many types; part to Allyn Mus. Entomol. (8:4/67, 3:4/68).

LUCHT, H. - destroyed by looters (2:79).

MC ALPINE, Wilbur S. - to U. S. National Mus., 12,000 including 19 types; American Mus. N. H., 5 types; British Mus. (NH) 3 types; Carnegie Mus., 6 types; Los Angeles Co. Mus., 2 types (27:240).

MC DUNNOUGH, James H. - to Canadian Nat. Coll. and Nova Scotia Mus. (16:209).

MC ELHOSE, Arthur L. - to Chicago Nat. Hist. Mus. (8:30).

MC FARLAND, Noel - to Los Angeles Co. Mus., 8420, including 3315 preserved immatures (26:108).

MEINERS, Edwin P. - to Univ. Missouri, 30-40,000 (16:71).

MOECK, Arthur H. - to Milwaukee Public Mus. (5:6/68).

MURTFELDT, Mary E. - to Cornell Univ., microlepidoptera (2:83).

MUSEUM COLLECTIONS DESTROYED OR BADLY DAMAGED:

Abbeville, France, destroyed WW-II (2:80).

Augusburg, Germany, destroyed WW-II (2:49).

College of Agriculture, Laguna, Phillipines, destroyed WW-II (2:61).

Dresden, Germany, partially lost WW-II (2:49).
Hamburg, Germany, destroyed WW-II (2:49).
Instituto de La Salle, Bogota, Colombia, destroyed by
fire (riotous mob) 10 April 1948 (2:61).
Societa Entomologica, Genova, Italy, destroyed WW-II
(2:95).
Société Entomologique du Nord de la France, destroyed
WW-II (2:80).
Stettin, Germany, destroyed WW-II (2:49).
University of Caen, France, destroyed WW-II (2:80).
Warsaw Zoological (Lepid.), Poland, destroyed WW-II
(3:4).
Santa Barbara, California, large coll. of butterflies
destroyed by fire (5:1/62).
NEWCOMER, Erval J. - to U. S. National Mus., 3000;
remainder to Washington State Univ. (27:240).
O'BYRNE, Harold I. - to Univ. Missouri, about 4000
(4:110, 5:40).
OLTHOF, J. - to Buitenzorg Mus. (2:79).
ORCHARD, Charles D. - to U. S. Fourth Army Medical Lab.,
Ft. Sam Houston, Texas, about 60,000 (6:3/65). [Includ-
ing specimens *ex* Samuel C. Thomson and B. Struck col-
lections, personal communication 29 August 1971.]
PEET, Max M. - to Univ. Michigan Mus. (3:35).
PHILLIPS, Leonard S. - to Buena Vista Coll., Storm Lake,
Iowa, 5600 (22:209).
PLATT, Ernest E. - to Grahamstown Mus., reared adults;
Transvaal Mus., preserved immatures, notebooks,
negatives, photos (23:135).
POWELL, Jerry A. - to Univ. California, Berkeley, about
33,200 (15:203).
PRIVATE COLLECTIONS DESTROYED OR BADLY DAMAGED:
Dervaux of Riom, France, lost or heavily damaged WW-II
(2:80).
Draudt of Darmstadt, Germany, destroyed WW-II (2:49).
Fremont of Bordeaux, France, lost or heavily damaged
WW-II (2:80).
Hajkowicz, M. of Warsaw, Poland, destroyed WW-II (3:4).
Klener, J. of Warsaw, Poland, destroyed WW-II (3:4).
Morault of Nantes, France, lost or heavily damaged
WW-II (2:80).
Nieniewski, C. of Warsaw, Poland, destroyed WW-II (3:4).
Pfaff of Frankfurt-am-Main, Germany, destroyed WW-II
(2:61).
Phillips of Cologne, Germany, destroyed WW-II (2:49).
Prack of Frankfurt, Germany, badly damaged WW-II (2:49).
Teplicki, S. of Warsaw, Poland, destroyed WW-II (3:4).

Till of Frankfurt-am-Main, Germany, destroyed WW-II (2:61).

Urbahn of Stettin, Germany, destroyed WW-II (2:61).

Von Frohrich of Aachen, Germany, destroyed WW-II (2:61).

REAKIRT, Tryon - to Chicago Mus., incorporated with Strecker's (18:211).

RILEY, Charles V. - to U. S. National Mus. (1:56).

RINDGE, Frederick H. - to American Mus. N. H., 97,199 (21:180).

ROGERS, William P. - to Fall River Pub. Library, Massachusetts (8:44).

ROSIER, J. P. - to Buitenzorg Mus. (2:79).

ROUSSEAU-DECELLE, ? ? - sold at auction in Paris, large number of types and paratypes (4:3/66).

SEITZ-MARTEN EXPEDITION - sold, 30,000 (6:87).

SETTE, Oscar E. - to Los Angeles Co. Mus. (5:3/72, 29:130)

SHAPIRO, Arthur M. - to Cornell Univ., 13,000 Rhopalocera (25:82); Univ. California, Davis, 22,000 (6:4/74).

SMITH, John B. & George D. Hulst - to American Mus. N. H. 32,022 including 2200 types, about 1200 holotypes (8:46).

SPERRY, John L. - to American Mus. N. H. (8:30).

STINSON, Walter C. - to Michigan State Univ., East Lansing, 7000 (6:1/59, 15:121).

STRANAHAN, L. H. - sold, about 300 (3:3/64).

STRECKER, F. H. Herman - to Chicago Mus. (2:98).

STRUCK, B. - (see ORCHARD, Charles D., above).

THOMSON, Samuel C. - (see ORCHARD, Charles D., above).

TOLL, Sergisz - to Rostov Municipal Mus., 40,000; Warsaw Mus., 100,000 (17:47).

TURNER, Alfred J. - to Mus., Div. Economic Entomol., Canberra, Australia (2:82).

VALLINS, F. T. - to U. S. National Mus., 22,000 Palaearctic Lycaenidae (27:240).

VAN SOMEREN, V. G. L. - to American Mus. N. H., 22,931 East African & Ethiopian; British Mus. (NH), types and about 300,000 (2:3/59, 2:2/60, 25:143).

WALTON, Munroe L. - to Los Angeles Co. Mus. (29:130).

WIELGUS, Ronald S. - to Arizona State Univ., Tempe (8:5/67).

WILLIAMS, Roswell C. - to Philadelphia Acad. Nat. Sci. (1:7).

BIOGRAPHICAL SKETCHES

Brief biographical data are given for all individuals who served the Society in an official capacity during its first quarter century, to the extent that such data were provided the compiler. The format used in preparing the biographical sketches follows: Name (in alphabetical sequence); title; brief address (complete address may be found in the Society's current Membership List); major lepidopterological interests; date and place born; education (dates and institutions from which academic degrees received); marital status (name of spouse and date married); names of children; service to the Lepidopterists' Society (offices held and dates); other memberships and affiliations with other scientific organizations (positions held, experience, etc.); honors or awards received; patronyms; and publications (books, monographs, periodicals to which contributed).

Abbreviations shown in BioSciences Information Service, List of Serials, 1971, have been used when citing periodicals in which papers have been published. All serials in which a given biographee has published are not listed in each case; but an attempt has been made to cite those containing the greatest number or the most significant papers. Complete lists of publications furnished by participating biographees will be filed for future reference. Authors and biographees are encouraged to provide the Society Librarian with periodical up-dates of their publications, including copies of reprints.

Some additional specific abbreviations used in these biographical sketches are:

aptd	= appointed
assoc	= associate or association
asst	= assistant
auth	= author
biblio	= bibliography
biog	= biography
biol	= biology
ch	= child or children
chm	= chairman
com	= committee

contrib = contributor
corr = corresponding
d = deceased
dt = daughter
ed = editor or editorial
educ = education
ex = executive
exp = experience
exped = expedition(s)
hon = honors or honorary
inv = invitational
ling = linguist
M = married
M-a-l = member at large
mem = member
mil svc = military service
monog = monograph(s)
obit = obituary
orgin = organization
pres = president
proc = proceedings
res = research
ret = retired
s = son
sci = science or scientist
sec = secretary
sust = sustaining
treas = treasurer
V Pres = vice presidnet
zool = zoology (zoological)

AE, Shigeru Albert (Ph.D.), Prof. Biology, Nansan University, Showaku, Nagoya, JAPAN. Genetics, ecology, evolution. 20 February 1927. EDUC.: Graduate, Zoology Inst., Univ. Kyoto, JAPAN, 1952; Ph.D. (biol.) Univ. Notre Dame, USA, 1957; D.Sc., Univ. Kyoto, 1961. LEPID. SOC.: M-a-l Ex. Council, 1963-65.



AGENJO, Ramón (Director) Instituto Español Entomología, J. Gutiérrez Abascal 2, Madrid 6, SPAIN. Lepidoptera of Spain. 21 January 1908, Santander, SPAIN. EDUC.: Licentiate in Laws, Univ. Madrid, 1931. M., one s. LEPID. SOC.: V. Pres., 1965. OTHER: Real Sociedad Española de Hist. Nat., gen. sec., 1939. EOS, Redaction Council, 1941-; GRAELLSIA, co-founder, 1943; EOS and GRAELLSIA, Director of reviews, 1967-. HON.: Alonso de Herrera Award, 1950; Academician, Seven-hundredth

Acad. for Agriculture, Turin, 1970. Hon. Mem., Finnish Entomol. Soc. AUTH.: Fauna Lepidopterologica Almeriense, 1952; Catalogo Ordenador de los Lepidopteros de Espana, 1946-66. MONOG.: La Familia Lymantriidae, 1957. CONTRIB.: About 200 papers and 100 reviews appearing in Bol R Soc Esp Hist Nat Secc Biol; EOS Rev Esp Entomol; Zeit Wien Entomol Ver; Graellsia; Arbor Kornickie; Broteria Ser Cien Nat; Bol Serv Plagas Forest; Proc (VI, VIII, IX, XI, & XII) Int Congr Zool; and others.

ALBERTI, Burchard (Dr.), 34 Gottingen, GERMANY. Phylogenetics. 21 January 1898, Berlin, GERMANY. EDUC.: Degree in Chem., Berlin, 1919; Dr., ibid., 1924. LEPID. SOC.: V. Pres., 1967. OTHER: Several European sci. soc. and organizations; asst. to Prof. Erich M. Hering, Zool. Mus., Humboldt Univ., Berlin, 1952-65. CONTRIB.: About 125 papers published in Bull Soc Entomol Mulhouse; Dtsch Entomol Z; Entomol Z; Rev Zool Bot Afr; Opusc Zool (Budap); Entomophaga; Beitr Entomol; Redia; and others.



AMSEL, Hans Georg (Ph.D.), 75 Karlsruhe-Durlach, Kastell St., 13, GERMANY. Systematics (palaearctic microlepidoptera). 29 March 1905. EDUC.: Ph.D., Berlin, 1933. LEPID. SOC.: V. Pres., 1964. OTHER: Finnish Entomol. Soc., Correspond. Mem., 1968. EXPED.: Palestine, Afghanistan, Sardinia, Dalmatia, Iran. AUTH.: Microlepidoptera Palaearctica, 4 vols., first vol. 1965. CONTRIB.: About 120 papers, predominantly on palaearctic microlepidoptera.



BELLINGER, Peter F. (Ph.D.), Biology Dept., California State Univ.-Northridge, Northridge, Calif., USA. Colembola. 15 June 1921, New Haven, Conn. EDUC.: B.A., Yale Univ., 1942; Ph.D., ibid., 1952. M. Carolyn Jones, 11 April 1953. CH.: Christina; Frederick. LEPID. SOC.: Asst. Ed. News and Journal, 1951-69; Librarian, 1958-. OTHER: Amer. Assoc. Adv. Sci.; Entomol. Soc. Amer. CONTRIB.: Bull Conn Agr Expt Station; Bull Soc Zool Fr; Entomol News; J NY Entomol Soc; Lepid News; Nat Hist Soc Jamaica; Psyche; and others.

BIEZANKO, Ceslau Mário (Prof. Dr.), Pelotas, Rio Grande do Sul, BRAZIL. Lepidoptera of Brazil. 22 September 1895, Kielce, POLAND. EDUC.: Agr. Eng., University Poznań, POLAND; ibid., four more years specializing in Natural Sci. and Chemistry. M. Joan M. Lúcy Mantovani, 1928, Beaulieu, France. EXP.: Prof. Chem. & Biology, Army Sch. Officers, Bydgoszcz, Poland. Taught Chem. & Nat. Hist., Lemos High Sch., Rio Grande, R. S., Brazil; also, taught at Pelotense Coll. and Santa Margarida High Sch., Pelotas, Brazil. Prof. (Entomol.) Eliseu Maciel Sch. Agr., and Sch. Pharmacy (Botany), 1936-. LING.: Portuguese, French, Spanish, Italian, German, Polish, Russian, and well versed in Latin and Greek. LEPID. SOC.: V. Pres., 1963. OTHER: Affiliated with entomol. soc. Poland, Spain, Brazil, Argentina, and France. PATRONYMS: *Biezankoa* Strand, 1936, *Plusia (Euchalcia) biezankoi* Alberti, 1965, *Zygaena cynarae biezankoi* Alberti, 1968, *Polyortha biezankoi* V.O. Becker, 1970, *Euphyes subferruginea biezankoi* Mielke, 1972 (Lepidoptera); *Apanteles biezankoi* Blanchard, 1960, *Ephuta*



biezankoi Casal, 1965 (Hymenoptera); *Willistonia biezankoi* Blanchard, 1960, *Archytas biezankoi* Guimaraes, 1961, *Lastauropsis biezankoi* Carrera & Papavero, 1962 (Diptera); *Theridion biezankoi* Levi, 1963 (Araneae). CONTRIB.: Many papers (about 300) published in Agros (Pelotas); Arq Entomol Ser A & B; Escola de Agronomia "Eliseu Maciel" Bol; Rev Fac Agr; and others.

BLANCHARD, André, V. Pres. (ret.) Res. & Development, Schlumberger Well Services, Houston, Texas, USA. Taxonomy, distribution, Heterocera of Texas. 11 June 1896, Marennes, FRANCE. EDUC.: Grad. Ecole Navale (French Naval Acad.), 1917; Engineer, Ecole Supérieure de Radiotélégraphie, 1922. M. Marguerite Normand, 22 April 1921 (deceased, 1958). CH.: Simone; Michelle. 2nd M. May Elise Moraud, 9 May 1959. HON.: Officer de la Legion d'Honneur; Croix de Guerre, 1917. LEPID. SOC.: Sustaining Mem.; M-a-l Ex. Council, 1971-73; Pres., 1975. OTHER: Lepid. Found.; Entomol. Soc. Washington. PATRONYMS: *Basilodes blanchardi* Hogue, 1965; *Grotella blanchardi* McElvare, 1966; *Stenoporpia blanchardi* Rindge, 1968; *Opsigalea blanchardi* Todd, 1966; *Scoparia blanchardi* Munroe, 1972; *Sphingicampa blanchardi* Ferguson, 1972. CONTRIB.: J Lepid Soc; Proc Entomol Soc Washington.

BRAUN, Annette Frances (Ph.D.), 5956 Salem Road, Mt. Washington, Cincinnati, Ohio, USA. Microlepidoptera. 28 August 1884, Cincinnati, Ohio. EDUC.: B.A., Univ. Cincinnati, 1906; M.A., ibid., 1908; Ph.D., ibid., 1911. LEPID. SOC.: Charter Mem.; V. Pres., 1954; Hon. Life, 1960. OTHER: Amer. Assoc. Adv. Sci., Fellow; Cincinnati Mus. Nat. Hist., Life Trustee; Entomol. Soc. Amer., Past Charter Mem.; Ohio Acad. Sci., Fellow; Entomol. Soc. Canada;

Sigma Xi. CONTRIB.: About 70 papers, mostly on microlepidoptera, published in Ann Entomol Soc Amer; Can Entomol; Cincinnati Soc Nat Hist; Entomol News; Ohio J Sci; Trans Amer Entomol Soc; Proc US Nat Mus; Pan-Pac Entomol; J Acad Nat Sci Phila; Proc Calif Acad Sci; Amer Entomol Soc Memoirs 13, 18 & 28; Lepid News.



BREYER, Don Alberto (1890-1963), (obit. and portrait, *Rev. Soc. Entomol. Arg.* 26:1-4; biblio., *Argentine Entomol. Biblio.*). Lepidoptera of Argentina (geographic variation and distribution). 24 March 1890, Buenos Aires, d. 12 February 1963, ibid. EDUC.: Elem. and second. studies, Colegio Goethe. LEPID. SOC.: V. Pres., 1955. OTHER: Entomol. Soc. Argentina, Treas., Mem. Advisory Bd., Pres., and Hon. Pres.; Roy. Entomol. Soc., Fellow; Argentine Soc. Geographic Studies; Ornithological Soc. La Plata; Assn. Friends Nat. Parks; Linnean Soc. Lyon; Entomol. Soc. Brazil, Chile, Uruguay, and Munich. CONTRIB.: About 40 papers, cited in biblio noted above.

BROWER, Auburn Edmond (Ph.D.), Augusta, Maine, USA.



Taxonomy, life histories (especially *Catocala* and *Aegeriidae*). 22 May 1898, Springfield, Missouri. EDUC.: B.S., Southwest Missouri State Coll., 1927; A.B., ibid., 1927; Ph.D., Cornell Univ. 1932. M. Lurana Cole VanDoren, 22 August 1932. CH.: Edmond Dehm; John Harold; Lurana Katherine. LEPID. SOC.: Charter Mem.; M-a-1 Ex. Council, 1954-55, 1969-71. OTHER: Entomol. Soc. Amer.; Entomol. Soc. Can.; Amer.

Ornith. Union. PATRONYMS: *Graphium marcellus* ab."broweri" Gunder, 1927; *Crambus browerellus* Klots, 1942; *Nymphula broweri* Heinrich, 1940; *Manhatta broweri* Heinrich, 1956; *Catocala connubialis* f. "broweri" Muller, 1960. CONTRIB.: Many papers on Lepid. and other insects published in Entomol News; Bull Brooklyn Entomol Soc; Lepid News; J NY Entomol Soc; J Lepid Soc; Trans Amer Entomol Soc.

BROWN, F. Martin (Sc.D.), Colorado Springs, Colorado, USA. LEPID. SOC.: Charter Mem.; Asst. Ed., 1948-59; M-a-1 Ex. Council, 1960-62; Pres., 1968; Obit. Ed., 1972-; Hon. Life, 1973.

BROWN, Keith S., Jr. (Ph.D.), Prof. Post-Graduate Courses, Biochemistry, Centro de Pesquisas de Produtos Naturais, Universidade Federal do Rio de Janeiro, BRAZIL. Insect chemistry, variation, distribution and behavior studies. 1 October 1938, Chicago, Illinois. EDUC.: B.S. (Chem.) California Inst. Tech., 1959; Ph.D., (Organic Chem./Biochem./Pharmaceutical Chem.) Univ. Wisconsin, 1962. M. Kay Fowell, 23 June 1962. CH.: Eric Nelson, Julia McLennan,

George Gardner, Elizabeth Fessenden. LEPID. SOC.: Ed. Com. (*Journal*), 1972- ; V. Pres., 1972.

OTHER: Amer. Chem. Soc.; Chem. Soc. (London); Amer. Assoc. Adv. Sci.; Soc. Tropical Biol.; Soc. Systematic Zool.; Soc. Brasileira Entomol.; Sigma Xi; Tau Beta Pi. Pesquisador-Conferencista, Conselho Nacional de Pesquisas, Brazil. Res. Assoc., Stanford Univ., Calif.

PATRONYMS: *Sarmientoia browni* Mielke.

CONTRIB.: More than 40 papers, including 60 photographs and legends in

Brazilian Insects and their Surroundings, Koyo Shoin Co., Ltd., Tokyo, 1971. Other papers published in Arch Biochem Biophys; J Chromatogr; J Amer Chem Soc; Tetrahedron Letters; J Lepid Soc; Syst Zool; An Acad Bras Cienc; Rev Bras Biol; Entomol News; Zoologica; and others.

BURNS, John M. (Ph.D.), Assoc. Curator Lepidoptera, Dept.

of Entomology, United States National Museum, Smithsonian Institution, Washington, D. C., USA. Evolutionary biology (diurnal Lepid.). 6 June 1932, Rochester, New York. EDUC.: A.B. (Biol.), Johns Hopkins Univ., 1954; M. A. (Zool.), Univ. Calif., Berkeley, 1957; Ph.D., ibid., 1961. M. Sarah F. Nance, 1954. CH.: Laura; Karen; Colin. LEPID. SOC.: Nom. Com., 1966 (chm.); M-a-1 Ex. Council, 1972-74; Ed.

Com. (*Journal*), 1972- . OTHER: Amer. Assoc. Adv. Sci.; Amer. Soc. Naturalists; Cambridge Entomol. Club; Genetics Soc. Amer.; Lepid. Foundation; Phi Beta Kappa; Sigma Xi; Soc. Study Evol.; Soc. Systematic Zool. CONTRIB.: About 25 papers appearing in Can Entomol; Entomol News; Isozyme Bull; J Lepid Soc; Proc Nat Acad Sci; Psyche J Entomol; Quarterly Rev Biol; Science; Sci Monthly; Evolution; Syst Zool; Univ Calif Publ Entomol.

CLARKE, Cyril Astley (Res. Fellow), Nuffield Unit of Medical Genetics, Univ. Liverpool, and President of the Royal College of Physicians of London, ENGLAND. Hybridization (*Papilio*). 22 August 1907. EDUC.: M.D., Univ. Cambridge, 1937; Sc.D., ibid., 1963. HON.: Fellow, Roy. Coll. Phys., 1949; President, Roy. Coll. Phys., 1972; Cmdr., Order Brit. Empire, 1969; Fellow, Roy. Sci. Soc., 1970;



Fellow, Roy. Coll. Obst. and Gynec., 1970; D.Sc., Edinburg Univ., 1971, Leicester Univ. 1971, and Univ. East Anglia, 1973. M. Frieda (Féo) Margaret Mary Hart, 1935. CH.: three s. LEPID. SOC.: M-a-l Ex. Council, 1959-61; V. Pres., 1966. CONTRIB.: Many papers, about 80 on Lepidoptera, published in Ecology; Entomologist; Entomol Rec & J Var; Entomol Z; Evolution; Heredity; J Genet; J Lepid Soc; Lepid News; Nature (Lond); Proc Int Cong Genet (Montreal); Proc Roy Entomol Soc Lond; Proc Roy Soc Med; Philos Trans Roy Soc Lond; and others.

CLENCH, Harry Kendon, Section of Insects & Spiders, Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, USA. Taxonomy (Lycaenidae). 12 August 1925, Ann Arbor, Michigan. EDUC.: B.S. (Zool.) and M.S. (Zool.) Univ. Michigan 1950, 1951. M., one dt. LEPID. SOC.: Co-founder; Co-ed., 1947; Orgn. Com. 1950; Ed. Com (Journal) 1955-63; M-a-l Ex. Council, 1968-70; Pres., 1974. OTHER: Amer. Assoc. Adv. Sci.; Lepid. Res. Foundation; Soc. Syst. Zool.; Ecol. Soc. Amer.; Amer. Soc. Naturalists. AUTHOR: Theclini and Lycaenini in How to Know the Butterflies, W.C. Brown, Dubuque, Iowa, 1961. Lepidoptera in The Encyclopedia of the Biological Sciences (Ed.: Peter Gray) Reinhold, New York, 1961. Lycaenoidea in Butterflies of Liberia, Entomol. Soc. Amer., Memoir 19, 1965. CONTRIB.: Over 100 papers, appearing in Ann Carnegie Mus; Ann Mag Nat Hist; Bull Brooklyn Entomol Soc; Bull Mus Comp Zool; Can Entomol; Ecology; Entomol News; J Lepid Soc; J NY Entomol Soc; J Res Lepid; Lepid News; Mem Soc Cuban Hist Soc; Mitt Munchen Entomol Ges; Pan-Pac Entomol; Neotropica; Psyche J Entomol; Rev francaise d' Entomol; Rev Zool Bot Afr; Tijd v Entomol; Torreia; Veröff Zool Staatssaml München; Vidensk Medd Dansk Nat Foren; and others.

COMMON, Ian Francis Bell (Dr.), Division of Entomology, CSIRO, Canberra City, AUSTRALIA. Taxonomy; biology. 23 June 1917, Alford, Lincolnshire, ENGLAND. EDUC.: B.A. (1st Hons.) Univ. Queensland, 1941; B. Agr. Sc., ibid., 1945; M.A., ibid., 1946; B. Agr. Sc. (1st Hons.), ibid.,

1947; M. Agr. Sc., *ibid.*, 1953; D. Agr. Sc., *ibid.*, 1969. M. 1946. CH.: Frances Margaret (Mrs. V. Fifield); Jennifer Helen. LEPID. SOC.: V. Pres., 1957; 1st V. Pres., 1965. OTHER: Entomol. Soc. Queensland, Sec., 1939-40; Australian Entomol. Soc., Regional Councilor 1965-69, V. Pres. and Chm. Executive Com., 1969-72; Ecol. Soc. Australia, Councilor; Australian Inst. Agr. Sci.; Linnean Soc. New South Wales; Royal Entomol. Soc. Lond. PATRONYMS: *Heliocoverpa armigera commoni* Hardwick, 1965; *Epermenia (Epermeniola) commonella* Gaedike, 1968; *Commonia Kiriakoff*, 1968. AUTH.: Australian Moths, 1963; Australian Butterflies, 1964; *Lepidoptera in The Insects of Australia*, 1970. CO-AUTH.: Butterflies of Australia, Angus & Robertson (Sydney), 1972. MONOG.: *Yponomeutidae (Lepid.)* Heard Island, 1970. CONTRIB.: More than 30 papers published in *Aust J Biol Sci*; *Aust J Zool*; *Aust Nat Hist*; *Emp Cotton Grow Rev*; *J Aust Entomol Soc*; *J Entomol Soc*; *J Lepid Soc*; *Nature (Lond)*; *Pac Insects*; *Proc Linn Soc NSW*; *Proc Xth Int Congr Entomol*; *Queensl Agric J*; *Queensl J Agric Sci*; *Trans Roy Entomol Soc Lond*.

COMSTOCK, John Adams (D.Sc.) (1883-1970). 30 January



1883, Evanston, Illinois, d. 26 December 1970, Del Mar, California. Life histories. EDUC.: M.A. (Hon.), Occidental College, 1924; D.O., Coll. Osteopathic Physicians & Surgeons, 1945; D.Sc. (Hon.) *ibid.*, 1945; M.D., California College Medicine, 1962; D. Sc., *ibid.*, 1962. M. Caroline Townsend, 1905. CH.: John Sterling; Jean; Bette. 2nd M. Ruth Mary Gard, 1928. LEPID. SOC.: Charter Mem.; 1st V.

Pres., 1955-56; Pres., 1962; Hon. Life, 1969; Nom. Com., 1957. OTHER: Chicago Entomol. Soc., Sec., 1898-1903; Chicago Acad. Sci., Entomol. Recorder, 1903-04; Lorquin Entomol. Club (now Society), Founding Mem., first Pres., 1917; Royal Entomol. Soc. Lond., Fellow 1919. Southwest Mus. Los Angeles, Asst. Director, 1919; *ibid.*, Director, 1921-26; Southern California Acad. Sci., Sec. 1921; *ibid.*, Ed., *Bulletin*, 1921-62; *ibid.*, Pres., 1926-27; *ibid.*, Fellow, 1929; Los Angeles Co. Mus., Acting & Asst. Director, 1928-38; *ibid.*, Director Sci., 1939-42; *ibid.*, Chief Curator, Sci. Div., 1942-48; *ibid.*, Curator Emeritus, 1948-1970; *ibid.*, Research Associate (Entomol.) 1958-70. HON. MEM.: Pi Gamma Mu; Phi Sigma; Sigma Xi; San Diego Soc. Nat. Hist., President Fellows, 1958; San Diego Mus., Board of Directors,

1957-70; *ibid.*, Hon. Curator (Entomol.), 1969; *ibid.*, mem. Emeritus, 1970. PATRONYMS: *Plebejus shasta comstocki* Fox, 1924; *Polites sabuleti comstocki* Gunder, 1925; *Philotes sonorensis* f. "comstocki" Gunder, 1925; *Limenitis lorquini* ab. "comstocki" (Gunder), 1925; *Speyeria callippe comstocki* (Gunder), 1925; *Agraulis vanillae incarnata* ab. "comstocki" (Gunder), 1925; *Papilio bairdii rudkini* f. "comstocki" Chermock and Chermock, 1937; *Callophrys comstocki* Henne, 1940. AUTH.: Butterflies of California, 1927. CONTRIB.: 220 papers, mostly on life histories of Lepidoptera, published in *Ann Inst Biol Mexico*; *Bull So Calif Acad Sci*; *Can Entomol*; *Entomol News*; *J Lepid Soc*; *J Res Lepid*; *Lepid News*; *Pan-Pac Entomol*; *Southwest Sci Bull*; *The Lepidopterist*; *Trans San Diego Soc Nat Hist*.

COVELL, Charles VanOrden, Jr. (Ph.D.), Dept. Biology, University Louisville, Louisville, Kentucky, USA. Taxonomy, life histories (Geometridae). 10 December 1935, Washington, D. C., EDUC.: B.A. (English), Univ. North Carolina, 1958; M. S. (Entomol.), Virginia Polytechnic Inst., 1962; Ph.D. (Entomol.), *ibid.*, 1965. M. Elizabeth Gore Barnes, 23 August 1958. CH.: Charles VanOrden III; Robert Barnes. LEPID. SOC.: *Ed. News*, 1970-73; Ed. Board, 1970-73.

OTHER: Alpha Epsilon Delta; Amer. Entomol. Soc.; Amer. Mosq. Control Assn.; Can. Entomol. Soc.; Entomol. Soc. Ontario; Entomol. Soc. Washington; Kentucky Acad. Sci., Ed. Board, 1970-; Kentucky Soc. Nat. Hist., Zool. V. Pres., 1968-70; National Audubon Soc., Louisville Chapter, Pres. 1972-73; Nat. Geographic Soc.; Phi Sigma, Pres. Virginia Polytechnic Inst. chap., 1963-64; Royal Entomol. Soc. Lond., Fellow; Sigma Xi. AWARDS: Sigma Xi, research, 1963; National Science Foundation, systematics, 1969; Danforth Found. Assoc. Program, 1970-. CONTRIB.: About 25 papers published in *Ann Entomol Soc Amer*; *Entomol News*; *J Lepid Soc*; *Lepid News*; *Ky Naturalist*; *Mosquito News*; *Trans Amer Entomol Soc*; *Trans Wisc Acad Sci Arts & Letters*; *Va J Sci*.

DE LA TORRE y CALLEJAS, Salvador Luis (Prof.), Sciences Faculty, Universidad de La Habana, CUBA. Lepidoptera of Cuba; *Trichogramma*. 18 June 1910, Habana, CUBA. EDUC.: Dr. (Nat. Sci.), Univ. Habana. POST GRAD.: Smithsonian Inst. (Lepid. & Mollusks), 1956; Acad. Nat. Sci. Phila., and Amer. Mus. Nat. Hist. (Lepid.), 1957; Prague, Bratislava and



Bruno, Czechoslovakia (Electron Microscopy), 1964; Moscow, Leningrad, Kiev and Cherkasy, Ukraine, USSR (*Trichogramma*); Eberswalde and Berlin, Germany, and Bratislava, Czechoslovakia, 1968-69. AWARDS: First National in Natural History, 1959, for paper "Reconsideracion taxonomicica de las especies cubanas del genero *Kricogonia* Reakirt." LEPID. SOC.: M-a-1 Ex. Council, 1962-64. CONTRIB.: More than 60 papers published in *J Lepid Soc*; *J NY Entomol Soc*; *Lepid News*; *Mem Soc Cuban Hist Nat "Felipe Poey"*; *Proc Entomol Soc Wash*; *Rev Inst Matanzas*; *Rev Univ Oriente*; and others.

DE LESSE, Hubert (Dr.), (1914-1972), (obit. portrait and bibliography, *J Lepid. Soc* 26:268-274); Rhopaloceran chromosomes. 7 April 1914, Paris, FRANCE; d. March 1972. LEPID. SOC.: V. Pres., 1961.

DIAKONOFF, Alexey Nikolaevich (Dr.), Rijksmuseum van Natuurlijke Historie, Leiden, NETHERLANDS. Biology; morphology (microlepidoptera). 1 March 1907, Leningrad (St. Petersburg), USSR. EDUC.: D.Sc., Univ. Amsterdam, 1939. M. Christina Aaltina Tonnis, 20 April 1911 (d. 13 July 1946). CH.: Nikolai; Irina. LEPID. SOC.: Adviser to founders, 1947; organized special Lepid. Soc. meeting with IX Int. Congr. Entomol., Amsterdam, 1951; V. Pres., 1952; Pres., 1954, Nom. Com., 1957. OTHER: Netherlands Entomol. Soc., Ed.-in-Chief, Mem. Merit, Life. PATRONYMS: *Bactra diakonoffi* Amsel, 1958; *Eboda diakonoffi* Razowski, 1966. AUTH.: The genera of Indo-australian and Papuan Tortricidae 1939; Tortricidae from Madagascar, 1960. MONOG.: The Microlepidoptera of New Guinea, 1-5, 1952-55; Microlepidoptera of the Philippine Islands, 1968; De Nederlandse Tortriciden, 1968; Revision So. Asiatic Olethreutini (in press). CONTRIB.: More than 190 titles in *Ann Soc Entomol Fr*; *Bull Br Mus (Nat Hist) Entomol*; *Entomol Ber (Amst)*; *J Lepid Soc*; *Lepid News*; *Proc Entomol Soc Wash*; *Rec Indian Mus*; *Temminckia*; *Tijdschr Entomol*; *Treubia*; *US Nat Mus Bull*; *Verhand Zool Mus Leiden*; and others.

DOMINICK, Richard B. (M.D.) (1919-1976), Res. Assoc., The Charleston Mus., Charleston, South Carolina, USA. Ecology, taxonomy, life histories. 17 September 1919, New York, New York; d. 4 May 1976, The Wedge Plantation, McClellanville, South Carolina. EDUC.: B.A., Yale Univ., 1942;

M.D., Columbia Univ., 1951. M. Tatiana Djeneeff Waldron, 1966. CH.: Christopher and Elizabeth Blackwell, Oliver and Julia Dominick, Stephanie and Victoria Waldron. LEPID. SOC.: Sustaining Mem.; M-a-l Ex. Council, 1971-73. OTHER: Ed. and Photographer, Moths of America North of Mexico; Entomol. Soc. Amer.; Can. Entomol. Soc.; The Explorers Club, Fellow, V. Pres., 1966-1971. PATRONYMS: *Scoparia dominicki* Munroe, 1972; *Dasychira dominickaria* Ferguson (in press); *Synanthesdon dominicki* Duckworth & Eichlin, 1973. CONTRIB.: J Lepid Soc, News Lepid Soc.

DONAHUE, Julian P., Asst. Curator Entomol. (Lepid.), Los Angeles Co. Mus. Nat. Hist., California, USA. Life histories; larval taxonomy. 23 April 1940, College Station, Texas. EDUC.: B.S. (w/hon), Michigan State Univ., 1963; M.S. (Entomol.), ibid., 1965. FELLOWSHIPS: National Sci. Foundation (cooperative grad.), 1963-64; ibid., (grad. teach.), 1965; ibid. (grad.), 1965-68. GRANTS: Sigma Xi Resa Grant-in-Aid of research on Indian Lepid. M., no ch. LEPID. SOC.: M-a-l Ex. Council, 1971-73; Ed. Com. (*Journal*) 1972-; Nom. Com., 1973 (chm.). OTHER: Bombay Nat. Hist. Soc., Life Mem.; Bengal Nat. Hist. Soc.; Royal Entomol. Soc. Lond., Fellow; Michigan Entomol. Soc., Ex. Sec., 1964-68; Ed. Newsletter, 1964-68; Ed. Bd., 1966-; Gov. Body, 1964-68, 1970-71; Pres., 1970-71; Entomol. Soc. Amer.; Soc. Systematic Zool.; Amer. Assoc. Adv. Sci.; Sigma Xi. PATRONYMS: *Calephelis perditalis donahuei* McAlpine, 1971. CONTRIB.: J Bengal Nat Hist Soc; J Bombay Nat Hist Soc; J Lepid Soc; Mich Entomol; and others.

DOWNEY, John C. (Ph.D.), Prof. & Head, Dept. Biology, University Northern Iowa, USA. *Rhopalocera* (Lycaenidae). 12 April 1926, Eureka, Utah. EDUC.: B.S., Univ. Utah, 1949; M.S., ibid., 1950; Ph.D., Univ. Calif. (Davis), 1957. M. Norine Margaret Simpson, 25 June 1959. CH.: John, Jr.; Mike; Mary Ann; Dennis; Patrick. LEPID. SOC.: Charter Mem.; Sec. 1964-71; Nom. Com., 1972 (chm.). OTHER: Entomol. Soc. Amer.; Ill. Acad. Sci.; Ill. Mosquito Control Assn.; Iowa Acad. Sci.; Lepid. Res. Foundation, Charter



Mem.; Midwest Benthological Soc.; Pac. Coast Entomol. Soc.; Soc. Study Evolution; Soc. Syst. Zool., Charter Mem.; So. Calif. Acad. Sci. HON.: Phi Kappa Phi; Phi Eta Sigma; Phi Sigma; Sigma Xi (So. Ill. Univ. Chap.; V. Pres., 1967-68; Pres., 1969). RES. GRANTS: Amer. Philosophical Soc., 1959; National Sci. Foundation, 1959-62, 62-64, 64-66, 66-68. CONTRIB.: More than 45 papers, mostly on Lycaenidae, published in Ann Entomol Soc Amer; Bioscience; Bull Entomol Soc Amer; Bull S Calif Acad Sci; Ecology; Encycl Britannica; Entomol Ber (Amst); Entomol News; J Lepid Soc; J Res Lepid; News Lepid Soc; Pan-Pac Entomol; Proc Ill Mosq Contr Assoc; Proc (No. Centr. Br.) Entomol Soc Amer; Syst Zool; Trans Amer Entomol Soc; Trans Ill Acad Sci; Yearb Amer Philos Soc.

EHLE, George E., Lancaster, Pennsylvania, USA. Life histories (Rhopalocera). 27 July 1913, Scranton, Pennsylvania. EDUC.: B.S. (Chem.), Penn. State Univ., 1936. M. Betty Ruth Cannon, 25 December 1938. CH.: Robert; David; Richard; Marguerite. LEPID. SOC.: Treas., 1959-65; Nom. Com., 1967 (chm.). OTHER: Muhlenberg Bot. Club, Treas., 1948-60. CONTRIB.: Lepid. News.

EHRLICH, Paul R. (Ph.D.), Director, Grad. Study, Dept. Biological Sciences, Stanford Univ., California, USA. Evolution and morphotaxonomy (Rhopalocera). 29 May 1932, Philadelphia, Pennsylvania. EDUC.: A.B., Univ. Penn., 1953; M.A., Univ. Kans., 1955; Ph.D., *ibid.*, 1957; Dr. Humane Arts (Hon), Univ. Pacific. M. Anne Howland, 1954. CH.: one dt. LEPIID. SOC.: Charter Mem.; Sec., 1958-63; M-a-1 Ex. Council, 1966-68. OTHER: Soc. Study Evolution, V. Pres., 1970;



A black and white portrait photograph of Paul R. Ehrlich. He is a middle-aged man with dark hair, wearing a light-colored, collared shirt. He is looking slightly to his left with a neutral expression. The background is out of focus, showing some foliage or trees.

Amer. Soc. Naturalists; Ecol. Soc. Amer.; Fed. Amer. Scientists; Soc. Syst. Zool., Ed. Board, 1964-67; Calif. Acad. Sci., Fellow; Amer. Mus. Nat. Hist., Hon. Life Mem.; Int. J. Environmental Sci., Ed. Board, 1969-; Int. Studies Assn., Com. Mem., 1970-; Int. Assn. Ecology, Mem. & Act. Committeeman, 1969-70; Rocky Mt. Biol. Lab., Trustee, 1971; Co-Chm., Res. Com., 1973-. HONORS & GRANTS: Univ. Kansas, Fellow 1954-55; Sigma Xi, Res. Grant, 1955; National Science Foundation, Predoctor. Fellow, 1955-57; National Science Foundation, Postdoctor. Fellow, 1965-66. CO-AUTH.: *How to Know the Butterflies*, Wm. C. Brown Co., 1961; *The Process of Evolution*, McGraw-Hill, 1963. CONTRIB.: About 100 papers, published in numerous scientific journals including *Ecology*;

Evolution; J Lepid Soc; Nature (Lond); Oecology (Berlin); Science.

ETCHEVERRY, Maria (Dra.), Irarrázaval 1628, Dep. 94, Santiago 11, CHILE. Life histories (macrolepidoptera). 20 April 1928, Chuquicamata, Antofagasta, CHILE. EDUC.: Prof. (Biol. & Chem.) Univ. de Chile, 1949; M.S., Univ. Wisconsin, 1959; Ph. D. (Biol.), Univ. de Chile, 1962. LEPID. SOC.: 1st V. Pres., 1967. OTHER: Prof. Biol & Chem., Liceo de Ninas N° 1 & 8, Santiago, 1950-58; Univ. Chile: Asst. ad-honorem, 1947-49; Laboratorist; Prof. Laboratorist; Prof. of Seminar; Custodian Entomol. Coll.; and Researcher, 1950-63; Prof. Entomol., 1964-; Chm., Centro de Estudios Entomológicos, 1964-. CONTRIB.: About 40 papers mostly on Lepidoptera, published in Ann Univ Chile; Farmacia Chilena; Proc Int Congr Zool; Publ Cent Estud Entomol Univ Chile; Rev Chil Entomol; Rev Universitaria; and others.

FEDERLEY, Harry (Dr.) (1879-1951). (Obit., biblio. and portrait, *Lepid. News* 6:57-60.) Genetics and experimental Lepidopterology. 22 March 1879, Viipuri, former SE FINLAND; d. 13 November 1951, Helsinki. EDUC.: Dr., Univ. Helsinki, 1907; Licendia docendi (Zool.) 1909, and (Genetics), *ibid.*, 1915. Aptd. Prof. Genetics, 1923. LEPID. SOC.: M-a-l Ex. Council, 1952 (elected but died before taking office). CONTRIB.: Thirty-two papers on Lepidoptera (*Lepid. News* 6: 59-60).

FERGUSON, Douglas Campbell (Ph.D.), Systematic Entomol. Lab., USDA, Washington, D. C., USA. Life history, distribution, taxonomy. 17 February 1926, Halifax, N. S., CANADA. EDUC.: B.Sc., Dalhousie Univ. Halifax, 1950; M.S., Cornell Univ., 1956; Ph.D., *ibid.*, 1967. M. Charlotte Hawthorn Studd, 11 May 1953. CH.: Stephanie; Caroline. LEPID. SOC.: Charter Mem., M-a-l Ex. Council, 1956-58, 1973-75; Nom. Com., 1963, 1964 (chm), 1968 (chm). OTHER: Entomol. Soc. Amer.; Entomol. Soc. Canada; Entomol. Soc. Wash.; Mich. Entomol. Soc.; Nova Scotian Inst. Sci.; Sigma Xi; Soc. Syst. Zool. AUTH.: *Fasc. 20.2, Saturniidae, in Moths of America*



North of Mexico. CONTRIB.: About 30 papers, published in Bull Brooklyn Entomol Soc; Can Entomol; Discovery (New Haven); J Lepid Soc; Lepid News; Peabody Mus Nat Hist Yale Univ Bull; Postilla; Proc Nova Scotian Inst Sci.

FORBES, William Trowbridge Merrifield (Ph.D.) (1885-1968) (brief biog., *Entomol. News* 80 (4), April 1969). Former Prof., Dept. Entomol., Cornell Univ., New York, USA. EDUC.: B.A., Amherst College, 1906; Ph.D., Clark Univ., 1910. LEPID. SOC.: Charter Mem.; Honorary Life Mem., 1952; Pres., 1953. AUTH.: The Lepidoptera of New York and Neighboring States. Vols. I-IV, Cornell Agric. Exp. Station Memos. CONTRIB.: About 150 papers, mostly on morphology and classification of Lepidoptera.

FORD, Edmund B. (D.Sc.), Former Fellow & Dean, All Souls College, Oxford, ENGLAND. Genetics. 23 April 1901. EDUC.: M.A., Oxford; D.Sc., ibid.; Hon. D.Sc., Liverpool; HONS.: Fellow Roy. Soc; Darwin Medalist Roy. Soc.; Weldon Medallist and Univ. Prizeman, Oxford; Foreign Mem., Finish Acad., Medallist of Helsinki Univ.; Prof. Emeritus, Ecological Genetics, Univ. Oxford; established the science of Ecological Genetics, 1971, Blackwell Scientific Publ., Oxford.



LEPID. SOC.: Charter Mem.; M-a-1 Ex. Council, 1955-1957; Honorary Life Mem., 1960; 1st V. Pres., 1968; Pres., 1970. AUTH.: Mimicry, with G. D. H. Carpenter, 1933; The Study of Heredity, 1950, 2nd ed.; Genetic Polymorphism, 1965; Mendelism and Evolution, 1965, 8th ed.; Genetics for Medical Students, 1973, 7th ed.; Butterflies, 1967, 3rd reprint, 3rd ed.; Moths, 1972, 3rd ed.; Ecological Genetics, 1975, 4th ed. (Polish and French translations). CONTRIB.: A large number of scientific research articles, including some on archaeology.

FORSTER, Ernst Walter (Ph.D.), Director, Zoological Coll, State of Bavaria, Maria-Ward-Strasse 1b, Munich 19, GERMANY. Zoogeography. 12 July 1910, Augsburg, GERMANY. EDUC.: Fr., Univ. Munich and Königsberg, 1930-36; Ph.D., Univ. Munich, 1936. M. Elisabeth Mayer, 1936. CH.: Ernst; Gerhard; Gertraud. LEPID. SOC.: V. Pres., 1951; Pres., 1960; Hon. Life Mem., 1969. OTHER: Soc. de Ciencias Nat. La Salle Caracas, Corr. Mem. (Hon.), Librarian and Secretary, 1938-

1961; Munich Entomol. Soc., First Chm., 1962- ; German



Entomol. Soc.; Vienna Entomol. Soc. PATRONYMS: Many, largely European.

AUTH.: With Th. A. Wohlfahrt, The Butterflies of Middle Europe (4 vols. todate), Franck'sche Verlagshandlung, Stuttgart. Knauer's Book of Insects, 1968, Droemersche Verlagsanstalt, Munich. CONTRIB.: About 50 scientific papers appearing in Ann Naturhist Mus Wien; Bol Entomol Venez; Entomol Rundsch; Entomol Z; Fragmenta Faun Hung;

Freude am Leben; J Lepid Soc; Kosmos (Warsaw); Munich Entomol Ges; Reichenbachia; Zeitschr Wien Entomol Ges; and others.

FRANCLEMONT, John G. (Ph.D.), Prof. Entomol., Cornell



Univ., Ithaca, New York, USA. Taxonomy, life histories (Noctuoidea). 15 April 1912, Buffalo, New York. EDUC.: B.S., Cornell Univ., 1935; Ph.D., ibid. 1953. LEPID. SOC.: Charter/Sustaining Mem.; M-a-1 Ex. Council, 1951-53; Sec., 1955-57; Pres., 1964. OTHER: Amer. Entomol. Soc.; Cambridge Entomol. Club; Can. Entomol. Soc.; Entomol. Soc. So. Africa, Fellow; Entomol. Soc. Washington, D. C.; Kansas Entomol. Soc.;

Lepid. Res. Foundation; N. Y. Entomol. Soc.; Pac. Coast Entomol. Soc.; Royal Entomol. Soc. London, Fellow; Soc. Syst. Zool.; Soc. Study Evolution; Soc. Bibliography of Nat. Hist.; So. Calif. Acad. Sci., Fellow; Amer. Assoc. Adv. Sci. HONS.: Phi Kappa Phi; Sigma Xi. AFFIL.: Collab., Systematic Entomol. Lab., U. S. Dept. Agric., 1952- ; Res. Assoc. Dept. Entomol., Smithsonian Inst., 1971- . GRANTS: Amer. Philosophical Soc., 1955, 1958, 1960, 1963; U. S. Dept. Agric., 1965-70. AUTH.: Fasc. 20 Pt. 1, Mimallonoidea and Bombycoidea, in The Moths of America North of Mexico. CONTRIB.: About 50 papers, appearing in Ann Entomol Soc Amer; Bull Brooklyn Entomol Soc; Bull Mus Comp Zool; Bull Zool Nomenclature; Can Entomol; Entomologist; Entomol News; J Lepid Soc; J NY Entomol Soc; Lepid News; Proc Entomol Soc Wash; Science; and others

FREEMAN, Hugh Avery, Chm., Sci. Dept., Hillcrest H. S., Dallas, Texas, USA. Taxonomy (Hesperiidae of Mexico).

7 October 1912, Conway, Arkansas. EDUC.: A.B., Hendrix Coll., Arkansas, 1936; M.S., So. Methodist Univ., Dallas, 1938. M. Erna Louise Morris, 1940. CH.: Linda Louise; Julia Anne; Avery Gilbert. LEPID. SOC.: Charter Mem.; Coord. Ann. Summary, 1951-52, 59-7-; Ed. Com. (News) 1959-; M-a-1 Ex. Council, 1962-64; 1st V. Pres., 1971; V. Pres., 1972. OTHER: Lepid. Res. Foundation; Tri-Beta; Amer. Mus. Nat. Hist., Patron. PATRONYMS: *Euptychia gemma freemani* (Stallings & Turner), 1947; *Agathymus freemani* Stallings & Turner, 1960; *Vinius freemani* Miller, 1970; *Calephelis freemani* McAlpine, 1971. CONTRIB.: About 70 papers, mostly on Hesperiidae, describing many new taxa, published in Amer Mus Novit; Bull Brooklyn Entomol Soc; Can Entomol; Entomol News; J Lepid Soc; Lepid News; Tex J Sci; and others.

FREEMAN, Thomas Nesbitt (Ph.D.) (1883-1975). Formerly, Entomol. Res. Institute, Canada Dept. Agric., Ottawa, CANADA. Rhopalocera (Arctic). 16 October 1911, Saskatoon, Saskatchewan, CANADA; d. May 1975, Ottawa, Ontario, CANADA. EDUC.: B.S.A., Ontario Agr. Coll., 1934; M.Sc., Univ. Colorado, 1936; Ph.D., Univ. Toronto, 1946. M. A. Gertrude Munro, 12 March 1938. CH.: Marianna; Leslie. LEPID. SOC.: Charter Mem.; Coord. Ann. Summary, 1948-52; Orgn. Com., 1950; M-a-1 Ex. Council, 1951; 1st V. Pres., 1953; Pres., 1956; Nom. Com., 1968, 1969 (chm). OTHER: Ontario Entomol. Soc.; Can. Entomol. Soc.; Lepid. Foundation, Assoc. Ed., *J. Res. Lepid.*, 1969-75. PATRONYMS: *Diarsia pseudorosaria freemani* Hardwick, 1950; *Erebia epipsodea freemani* Ehrlich, 1955; *Nepytia freemani* Munroe, 1963. CONTRIB.: About 100 papers, published in Ann Report Ontario Entomol Soc; Can Entomol; Entomol News; J Lepid Soc; J Res Lepid; Lepid News; Pan-Pac Entomol; Proc (Xth) Int Cong Zool; Sci Agric; and others.

GOZMÁNY, Lancelot Anthony (Ph.D.), Természettudományi Múzeum Allattára, Budapest VIII, Baross-utca 13, HUNGARY. Taxonomy (microlepidoptera). 9 November 1921, Budapest, HUNGARY. EDUC.: LL.D., P. Pázmány Univ. Sci., Budapest, 1955 Ph.D., Hungarian Acad. Sci., 1963. M. 1944. CH.: Mary; Gabor; Christine. 2nd M. 1964. LEPID. SOC.: V. Pres., 1956. OTHER: Hungarian Entomol Soc., Sec., 1966-69; Hungarian Biol. Soc.; Münchener Entomol. Ges., Münich.

HON.: Frivaldszky Commemorative Plaque (silver), 1969, conferred by Hungarian Entomol. Soc.



LING.: English, German, Italian, French and Latin. Commissioned by Hungarian Acad. Sci. to write a 7 language dictionary (Latin, German, English, French, Hungarian, Russian, Spanish) of the names of European animals. PATRONYMS: *Martyrhilda gozmanyi* Balogh, 1951; *Sterrhopteryx gozmanyi* Kovacs, 1954; *Talaeporia tubulosa gozmanyi* Sieder, 1955; *Catoptria gozmanyi* Bleszynski, 1956; *Bactra gozmanyana* Toll, 1958; *Repetekia gozmanyi* Amsel, 1958; *Amselina gozmanyi* Amsel, 1959; *Nepticula gozmanyi* Szöcs, 1959; *Coleophora gozmanyi* Toll, 1960; *Euchromius gozmanyi* Bleszynski, 1961; *Gozmanyia* Roesler, 1964; *Rhaphidothrix gozmanyi* Mahunka, 1967; *Hyssia gozmanyi* Kovacs, 1968; *Gozmanytinea* Capuse, 1969; *Monopis gozmanyi* Capuse, 1969; *Staudingerian gozmanyella* Roesler, 1970; *Leioptilus gozmanyi* Bigot, 1970; *Geotrupophorus gozmanyi* Mahunka, 1970; *Eupithecia gozmanyi* Vojnits, 1972.

AUTH.: Fauna (Lepidoptera) Hungariae (Vol. 16), 1955, Hungarian Acad. Sci. MONOGR.: with L. Vári, The Tineidae of the Ethiopian Region. CONTRIB.: About 100 papers, published in Acta Biol Acad Sci Hung; Acta Zool Acad Sci Hung; Allatt Közl Budapest; Ann Hist/Nat Mus Natl Hung; Ann Mus R Afr Cent Ser Quarte Zool; Arnoldia (Rhod); Bull Mus Hist Nat Belgrade; Dtsch Entomol Z; Entomologist; Entomol Z; Folia Entomol Hung; Fragm Faun Hung; Lepid News; Lorentz Marques; Opuscula Zool (Munich); Rev Entomol Mocambique; Sitzungsber Oesterr Akad Wiss; Zschr Wien Entomol Ges; and others.

GREY, Lionel Paul, Route 1, Box 216, Lincoln, Maine, USA.



Systematics (Argynninae). 23 November 1909, Houlton, Maine. EDUC.: Grad., Farmington State Teacher's College, Maine, 1931. M. Ruth Delano, 17 June 1934. CH.: Linda; Stephen; Prescott; Aldana (d.). LEPID. SOC.: Charter/Sustaining Mem.; 1st V. Pres., 1952; Nom. Com., 1958 (chm). PATRONYMS: *Speyeria atlantis greyi* Moeck, 1950.

AUTH.: Genus *Speyeria* in How to Know the Butterflies, Wm. C. Brown, 1961.

CONTRIB.: About 20 papers, appearing in Amer Mus Novit; Bull Zool Nomenclature; J Lepid Soc; J Res Lepid; Lepid News; Proc Roy Entomol Soc Lond; Trans Amer Entomol Soc.

HACKMAN, Walter L. V. (Ph.D.), Curator Entomol., Zool. Mus., Helsinki Univ., FINLAND. Taxonomy (Finish microlepidoptera). 7 October 1916, Helsinki, FINLAND. EDUC.: Cand. Phil., Helsinki Univ., 1940; Ph. D., *ibid.*, 1949. LEPID. SOC.: M-a-l Ex. Council, 1952-54. OTHER: Lect., Zool., Helsinki Univ., 1950-; Curator, Division of Entomol., Zool. Mus., *ibid.* 1957-. CONTRIB.: Several papers, mainly on the taxonomy of Finish microlepidoptera, 1941-1954. More recent

papers largely on Diptera.

HARDWICK, David Francis (Ph.D.), Director, Biosystematics Res. Inst., Dept. Agr., Ottawa, Ontario, CANADA. Taxonomy, life histories. 22 March 1924, Edmundston, New Brunswick, CANADA. EDUC.: B.A., Univ. Saskatchewan, 1946; M.Sc., McGill Univ., 1948; Scholarship, Agr. Inst. Canada, 1948; Ph.D., Univ. Calif., Berkeley, 1955. M. Verna Walker, May 1955. CH.: Koralee Anne; Julia Dawn; Frances Jean. LEPID. SOC.: Charter Mem.; Nom. Com., 1960 (chm); M-a-l Ex. Council, 1965-67; Pres., 1969; Ed. (*Journal*), 1970-71. OTHER: Can. Entomol. Soc.; Michigan Entomol. Soc.; Soc. Syst. Zool. CONTRIB.: About 40 papers, published in Bull Zool Nomenclature; Can Entomol; J Lepid Soc; Mem Entomol Soc Can; and others.

HAYWARD, Kenneth John (1891-1972). (Obit., brief biog. and portrait, *J. Lepid. Soc.* 28:79-80.) Former Prof. Entomol., National Univ., Tucumán, ARGENTINA. Neotropical Rhopalocera. 7 March 1891, Pitney, Somerset, ENGLAND; d. 21 May 1972, Tucumán, ARGENTINA. EDUC.: King's School, Bruton, England, 1899-1910. Worked in Egypt, 1912-23 (except 1914-19) when on active duty with British Army. Became resident of Argentina, 1923; entomologist with Argentine Ministry of Agr., 1933-34; Prof. Entomol., National Univ., Tucumán, Argentina, 1935-72. LEPID. SOC.: V. Pres., 1951. AWARDS: Holmberg prize, 1931; Argentine National prize, 1946-48; Royal Entomol. Soc., Fellow, 1921; Zool. Soc., Fellow, 1924; Royal Geograph. Soc., Fellow, 1928; Degree in Biol., Honoris Causa, National Univ., 1950. Mem. several nat. sci. soc. MONOG.: Argentine Nymphalidae, 1931; Argentine Pyrrhopyginae and Pyrginae (Hesperiidae), 1948.

CONTRIB.: More than 300 papers, published in various scientific journals.

HERRERA GONZÁLEZ, José (Prof. Emeritus), Entomol., Univ. Chile, Santiago, CHILE. Rhopalocera (Genetics). 9 October 1913, Mejillones, Antofagasta, CHILE. ACTIVITIES: Prof. Biol., Chem. & Phys. Educ. in Punta Arenas and Santiago, 1939-1957; Prof. Entomol., Univ. Chile, 1946-1963; Sec., Fac. Philos. & Educ., Univ. Chile, 1957-60; Supt. Educ., Min. Educ., 1960-63; Prof. Emeritus, Entomol., Univ. Chile, 1964. LEPID. SOC.: M-a-l Ex. Council, 1953-55. CONTRIB.: About 25

papers on Lepidoptera, published in An Univ Católica; An Univ Chile; Proc US Nat Mus; Pub Cent Estud Entomol Univ Chile; Rev Chil Entomol; Rev Universitaria; and others.

HESSEL, Sidney Adolphus (1907-1974). (Obit., biog., *Discovery* 10(1):49-50.) Former Res. Afflt., Entomol., Peabody Mus., Yale Univ., New Haven, Connecticut, USA. Macrolepidoptera Northeast US, especially biology of *Papipema* and *Catocala*. 5 January 1907, New York, N.Y.; d. 11 November 1974, Washington, Connecticut. EDUC.: A.B., Harvard Univ., 1928; M.B. A., *ibid.*, 1940. M. Beatrice Hofman, 23 June 1932. CH.: John H.; Mary H. Dodge; Susan J. EXP.: Retired businessman; brokerage, banking, and importing raw materials.

Lieut. USNR (1944-46). LEPID. SOC.: Charter/Life Mem.; Treas., 1953-58; Asst. Treas. 1959-68; 1st V. Pres., 1969; *Memoirs* Mgr., 1959-74; Mgr. back issues (*News/Journal*) 1958-74. OTHER: Visiting Com., Mus. Comp. Zool., Harvard Univ., 1960-74; Mem. Board & Com. Chm., Steep Rock Assoc. (natural use, specified land areas), 1957-74; Board Mem., Shepaug Valley Archeol. Soc.; Board Mem. other local civic org.; coll. classic and Lepidoptera stamps; Sigma Xi. EXPED.: Cuba, 1928, 1929; Canada, 1932, 1939, 1941, 1943, 1954; Guatemala, 1940; Bermuda, 1961; Hawaii, 1944-45; Jamaica W. I., 1953, 1959, 1962; Kenya, Tanzania, Uganda, Zaire, Ethiopia, 1960. PATRONYMS: *Callophrys (Mitoura) hesseli* Rawson and Ziegler, 1949; *Automeris iris hesselorum* Ferguson, 1971. CONTRIB.: Bull Brooklyn Entomol Soc; J Lepid Soc; J NY Entomol Soc; Lepid News.



HINTON, Howard Everest (Sc.D.), Prof. and Head, Dept.



Zool., Univ. Bristol, ENGLAND. Taxonomy, physiology, evolution. 24 August 1912, Matehuala, MEXICO. EDUC.: B.Sc., Univ. California (Berkeley), 1934; Ph. D., Univ. Cambridge, 1939; Sc.D., *ibid.*, 1957. LEPID. SOC.: V. Pres., 1965.

OTHER: Australian Acad. Sci., Senior Fellow, 1963; British Entomol. & Nat. Hist. Soc., V. Pres.; *J Insect Biochem.*, Ed.; *J Insect Physiol.*, Ed.; *Proc. Roy. Entomol. Soc.*, Ed.; *Roy. Entomol. Soc.*

Lond., Pres. 1969-70; Royal Soc. Lond., Fellow 1961; *ibid.*, Assoc. Ed. 1968-70; Soc. British Entomol., Pres. 1954-55.

APTD.: Junior Curator, Univ. Mus. Zool, Cambridge, 1937-39; Asst. Keeper, British Mus. (Nat. Hist.), 1939-49; Lecturer, Univ. Bristol, 1949-51; Reader, *ibid.*, 1951-64; Prof., *ibid.*, 1964-70; Chm., *ibid.*, 1970-. INV. READER & LECTURER: Danish Zool. Soc., Copenhagen, 1960; Chinese Acad. Sci., 1960; Czechoslovak Acad. Sci., 1961 & 1971; State Agric. College, Holland, 1961; International Cong. Entomol., Stockholm, 1948; *ibid.*, Amsterdam, 1952; *ibid.*, Montreal, 1956; *ibid.*, Vienna, 1960; Venezuela, 1971; Iowa, USA, 1971; Australia, 1972. CONTRIB.: Numerous papers in many scientific journals. Developed widely recognized system of setal nomenclature and classification of insect pupae. Work on plastron respiration and diffraction colours.

HOGUE, Charles Leonard (Ph.D.), Senior Curator, Entomol.,



Los Angeles Co. Mus. Nat. Hist., California, USA. 4 February 1935, Caruthersville, Missouri. EDUC.: B.S., (Agr. Entomol. & Parasit.) Hon., Univ. California (Los Angeles), 1957; Ph.D., *ibid.*, 1962. M. Barbara Mitchell. CH.:

James Norman; Brian Thomas; Carolyn Lee. LEPID. SOC.: M-a-1 Ex. Council, 1968-69; Nom. Com., 1969. OTHER: Assn. Tropical Biol.; Entomol. Soc. Amer.; Lepid. Foundation; Lorquin Entomol. Soc.,

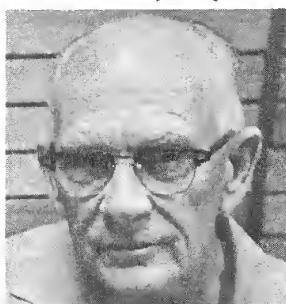
Pres. 1959; Soc. Systematic Zool.; So. Calif. Acad. Sci.; XII Int. Congr. Entomol. London, Fellow; Sigma Xi. GRANTS: So. Calif. Acad. Sci./Amer. Assoc. Adv. Sci., 1960; Univ. Calif. (Los Angeles), 1961; Entomol. Soc. Amer., 1964; Amer. Philo. Soc., 1966, 1968; Nat. Geograph. Soc., 1970. CONTRIB.: Over 40 papers, published in Amer Mus Novit; Lepid News; Univ Calif Publ Entomol; *J Lepid Soc*; *An Inst Biol Univ Nac Auton*

Mex; Los Ang Cty Mus Contrib Sci; J Res Lepid; Contrib Amer Entomol Inst Ann Arbor; Ann Entomol Soc Amer; Bull So Calif Acad Sci; Nat Hist; and others.

JORDAN, Heinrich Ernst Karl (Dr.) (1861-1959). (Biog., biblio. and portrait, *Biograph. Mem. Fellows Roy. Soc.*, Vol. 6, November 1960.) 7 December 1861, Almstedt near Hildesheim, Hanover, GERMANY; d. 12 January 1959, Tring, GERMANY. EDUC.: Degree (bot. and zool.) Summa cum Laude, Univ. Göttingen, 1886. M. Minna Brünig, 1891. LEPID. SOC.: Charter Mem.; Hon. Life Mem., 1952; Pres., 1952. OTHER: Zool. Mus., Tring, Staff entomol.; Int. Entomol. Cong., Founder and mem., Hon. Life Pres., 1948.

JUMALON, Julian N., Assoc. Prof., Dept. Biol., Univ. San Carlos, Cebu City, PHILIPPINES. Life histories (Philippine Rhopalocera). 18 October 1909, Manila, PHILIPPINES. EDUC.: Cert. Painting, Univ. Philippines, 1936; M.S. (biol.), honoris causa, Univ. San Carlos, 1960. M. Felicitacion N. Alcantara, June 1938; eight ch. LEPID. SOC.: V. Pres., 1971. OTHER: Lepid. Soc. Japan; Philippine Assoc. Entomol.; Soc. Hispano-Luso-Americanana de Lepid., Spain, Hon. Mem.; Biol. Teachers' Assoc., Cebu Chap.; Cebu Art Assoc., Pres.; Cebu Hist. Soc., Pres.; Philippine Lepid. Soc., Pres. HON.: Philippine Inst. Architects, Cebu Chap.; Invit. speaker, Lepid. Soc. Japan, 1970 Silver Anniversary; Southeast Asia Treaty Org., Fellow, 1972. CONTRIB.: About 25 papers, in which several new taxa described, published in J Lepid Soc; Leyte-Samar Stud; Philippine Entomol; Philippine Sci; Philippine J Sci. Also about 200 popular articles on exped., nature, conservation and art, in local papers and magazines.

KENDALL, Roy O'Neal, San Antonio, Texas, USA. Ret. Fed. Civil Service (Dept. Defense - Air Force). Life histories, spatial and temporal distribution, especially Texan Lepidoptera. 21 May 1912, Ingalls, Gray County, Kansas. EDUC.: U/Grad., Louisiana State Univ., Baton Rouge; Trinity Univ., San Antonio, Texas. M. Conway B. Alford, 3 May 1947. CH.: (stepsons) G. L. Montgomery, B. G. Montgomery. LEPID. SOC.: Treas.,



1966-68; Nom. Com., 1970, 1971 (chm), 1972; Ed. Com. (*Journal*), 1972-; M-a-1 Ex. Council, 1973-76. OTHER: Lepid. Res. Foundation, Charter Mem.; Florida State Coll. Arthropods, Div. Plant Industry, Florida Dept. Agr. & Consumer Services, Res. Assoc., 1970-. PATRONYMS: *Megathymus coloradensis kendalli* Freeman, 1965; *Zamagiria kendalli* Blanchard, 1970; *Orgyia definita kendalli* Riotte, 1972. CONTRIB.: About 35 papers, dealing largely with larval foodplants of Lepidoptera, published in *J Lepid Soc*; *J Res Lepid*; *Psyche* *J Entomol*; *Trans San Diego Soc Nat Hist*.

KETTLEWELL, Henry Bernard Davis (Dr.), Senior Res. Officer, Genetics Lab., Dept. Zool., Oxford, ENGLAND. Polymorphism, industrial melanism. 24 February 1907, Howden, East Yorkshire, ENGLAND. EDUC.: M.A., Oxford; M.B., Cambridge; B.Chir., ibid.; Mem. Roy. Coll. Surgeons, England; Licentiate Roy. Coll. Physicians, London. Med. practice, Cranleigh, Surrey, 1933-49. Cape Town Univ., South Africa, 1949-54. EXPED.: Kala-hari, Belgian Congo, and Knysna Forest,

among others. M. 25 April 1936. CH.: Dawn Margaret; David Henry Wiltshire. LEPID. SOC.: Pres., 1963. OTHER: British Entomol. & Nat. Hist. Soc.; Roy. Entomol. Soc., Council, 1948-49; Nuffield Res. Fellow., 1956-64. HON.: Darwin Medal, Acad. Sci., Russia, 1959; Mendel Medal, Czechoslovakia, 1968. Co-founder, Rothschild-Cockayne-Kettlewell Coll. Brit. Lepid., now the National Coll.

PATRONYMS: Many from Africa, South America and elsewhere. AUTH.: Your Book of Butterflies and Moths, Faber & Faber Ltd., 1963; Charles Darwin and his World (with J. Huxley), Thames & Hudson, 1965; contrib. to Ecological Genetics and Evolution, ed. E. R. Creed, Blackwell, 1971; The Evolution of Melanism, Clarendon, Oxford, 1973; contrib. to Evolution: the Modern Synthesis, 3rd ed., ed. J. Huxley (in press); Mimicry and Camouflage in Encyclopaedia Italiana (in press).

CONTRIB.: About 75 papers, many on hereditary and adaptive melanism, published in *Adv Sci*; *Ann Rev Entomol*; *Discovery* (Lond); *Endeavour* (Lond); *Entomologist*; *Entomol Rec & J Var*; *Heredity*; *J Lepid Soc*; *Nature* (Lond); *New Sci*; *Proc Roy Soc Lond B*; *Biol Sci*; *Science*; *Sci Amer*; *Amer Zool*; and others.

KLIMESCH, Josef Wilhelm (Ph.D.) (Ret.), Linz a.d. Donau, Donatusgasse 4, AUSTRIA. Life histories, genetics, taxonomy. 5 May 1902, České Budějovice (Budweis), CZECHOSLOVAKIA.



EDUC.: Trieste and Linz (1909-23); Ph.D. (zool. and bot.), Univ. Graz, 1950. M. LEPID. SOC.: V. Pres., 1968. OTHER: Vienna Entomol. Soc., Hon. Mem., 1954. EXPED.: Dalmatia, Macedonia, Hungary, Turkey, Canary Islands, Spain, Mallorca, Switzerland, South France, Corse, Italy, Sicily, and many areas of Austria.



HON.: Vienna Mus. Nat. Hist., Corresp. 1950; Government of Austria Superior (O. ö. Landesmuseum, Linz), Sci. Consultant, 1956-; Univ. Innsbruck, Excellenti in litteris, 1958. AUTH.: *Microlepidoptera in The Land Animals of the Middle Hohe Tauern Mountains*, H. Franz, Memorial Austrian Acad. Sci., Vienna, 1949; *Classification of Lepidoptera (Pyralidina, Tortricina, Tineina, Eriocranina and Micropterygina) in The Northeast Alps in the Mirror of their Land-Animal World*, Universitätsverlag Wagner, Innsbruck, 1961; *The Lepidoptera of Macedonia*, IV *Microlepidoptera*, Prirodonaučen Musej Skopje, 1968. CONTRIB.: More than 70 papers on Microlepidoptera, describing 54 new species.

KLOTS, Alexander Barrett (Prof.), Dept. Entomol., Amer. Mus. Nat. Hist., New York, USA. (Former Prof., City Coll. N.Y.). Taxonomy, correlation Arctic & Alpine faunas. Born 1903, New York, New York. EDUC.: Trinity School; Blair Acad.; Ph.D., Cornell Univ., 1931. M. Elsie Broughton, 1927. CH.: One s., one dt.

MIL. SVC.: (USAAF) 1943-46, Major (malaria & mosquito control). LEPID. SOC.: Charter Mem.; Pres., 1957; Hon. Life Mem., 1972. OTHER: Amer. Assoc. Univ. Prof.; Amer. Soc. Naturalists; Entomol. & Nat. Hist. Soc. So. Lond., Fellow 1955-; Entomol. Soc. Amer., Fellow 1945, Ed. Board, 1950-53, Com. Entomol. Nomenclature, 1964; Explorers Club; Int. Cong. Entomol. (IV, X, XI, XII); Int. Cong. Zool. (XIV, XV, XVI); New York Entomol. Soc., Hon. Life Mem., 1970; Roy. Entomol. Soc. Lond., Fellow, 1956-; So. Calif. Acad. Sci., 1935-41; Soc. Syst. Zool. HON.: Sigma Xi; Phi Kappa Phi; Hon. Life & Assoc. Patron, Amer. Mus. Nat. Hist., 1947-; N.Y. Entomol. Soc., Pres., 1937, Trustee, 1955-. PATRONYMS: *Lucaena heteronea klotzi* Field, 1936; *Euphydryas chalcedona klotzi* dos Passos, 1938; *Klotza* Hemming, 1964?; *Ixala klotzi* Sperry, 1940; *Miraxis*



klotsei Bleszynski, 1962; other patronyms include a mutillid wasp, a pentatomid bug, an *Aedes* mosquito, and a flea. EXPED.: United States, Canada, England, France, Germany, Austria, Denmark, several Caribbean islands, British Guiana, Mexico, and Brazil. AUTH.: A Field Guide to the Butterflies of Eastern North America, 1951, Houghton Mifflin, Boston. The World of Butterflies and Moths, 1957, Harrap, London; McGraw-Hill, New York. Living Insects of the World (with Elsie B. Klots), 1959, Chanticleer Press and Doubleday, New York. 101 Questions Answered About Insects (with Elsie B. Klots), 1961, Dodd Mead, New York. The Community of Living Things in the Desert (with Elsie B. Klots), 1956, Creative Educational Society, Mankato, Minnesota; 2nd printing, 1959; 2nd edition, 1960. Insects of North America (with Elsie B. Klots), 1971, Doubleday, New York. Lepidoptera, in Encyclopaedia Britannica, in Encyclopaedia Americana, and in Tuxen, Taxonomists' Glossary of Genitalia in Insects, 1956, 1970. CONTRIB.: Many papers, describing about 30 North American butterflies and moths, and published in Amer Mus Novit; Bull Amer Mus; Bull Assoc Minn Entomol; Bull Brooklyn Entomol Soc; Biol Rev; Bull So Calif Acad Sci; Bull Zool Nomenclature; Entomol Amer; Entomol News; Evolution; J NY Entomol Soc; Lepid News; Pan-Pac Entomol; Proc Roy Entomol Soc Lond; Proc X, XI, XIII Int Cong Entomol; Proc XIV Int Cong Zool; Psyche J Entomol; Syst Zool; Copeia.

LORKOVIĆ, Zdravko (Ph.D.), Prof. Biol., Zagreb Med. Facility, YUGOSLAVIA. Lepidoptera. 3 January 1900, Zagreb, Croatia, YUGOSLAVIA. EDUC.: Diplome, Faculty Nat. Sci., Univ. Zagreb, 1924; D.Sc., Ljubljana, 1928. M. 30 July 1928. LEPID. SOC.: 1st V. Pres., 1959, 1966. OTHER: Entomol. Soc. Finland; Jugoslavenska Akademija Znanosti i Umjetnosti, Zagreb; Soc. Entomol. Jugosl., Zagreb; Soc. Nat. Sci. Croatica, Zagreb; Zool. Acad., Agra, India. HON.:

Rugjer BOKOVIĆ, Zagreb, 1965. PATRONYMS: *Leptidea duponcheli lorkovici* Pfeiffer, 193?; *Hipparchia statilinus lorkovici* Moucha, 1965. CONTRIB.: About 50 papers, published in Acta Soc Entomol Jugosl; Acta Soc Sci Nat; Biol Glasnik; Boll Soc Entomol Ital; Bull Acad Sci Jugosl; Bull Soc Zool Fr; Bull Zool Nomenclature; Chromosoma; Cold Spring Harbor Symp Quant Biol; Entomol Tidskr; Glasnik Jugosl Entomol Drustva; Godisnjak Sveucilista; Int Entomol Zeits



Guben; J Lepid Soc; Lambillionea Bruxelles; Mitt Munch Entomol Ges; Mitt Schweiz Entomol Ges; Nachrichtenb Bayerischen Entomol Munch; Physiologia Comparata et Ecologia Leiden; Rev Suisse Zool; Uppsala Univers Arsskrift; Verh Zool-Bot Ges Wien; Verh Int Entomol Kongr Wien; Z Lepid Krefeld; Z Osterr Entomol Vereines Wien; and other European journals.

MAC NEILL, C. Don (Ph.D.), Senior Curator, Natural Sci. Div., Oakland Mus., California, USA. Life histories, systematics, ecology. 1924, San Francisco, California. EDUC.: B.S., Univ. California (Berkeley), 1950; Ph.D., ibid., 1960. M. Grace F. Beckberger, 1945. CH.: 3 dts., Nora and Daren (twins) 1953; Linn, 1956. LEPID. SOC.: M-a-1 Ex. Council, 1966-68; Nom. Com. 1970 (chm). OTHER: Soc. Syst. Zool.; Ecol. Soc. Amer.; Biosystematics; Calif. Acad. Sci.; Pac. Coast Entomol. Soc., past Pres.; The Nature Conservancy, Bd. Trustees; Calif. Native Plant Soc.; American Fern Soc. CONTRIB.: Entomol News; J Lepid Soc; Pan-Pac Entomol; Proc Calif Acad Sci; Proc NY Entomol Soc; Univ Calif Publ Entomol; Wasmann J Biol.

MARTIN, Lloyd Milo, Prescott, Arizona, USA. Life histories, taxonomy. 24 May 1912, Bayard, Nebraska. EDUC.: Grad., So. Pasadena H.S., 1930. M. Dorothy Ethel Hitchcock, 16 July 1938. CH.: William Lloyd. LEPID. SOC.: Charter Mem.; Ann. Summary Coord., 1947-51; M-a-1 Ex. Council, 1951-52; Nom. Com., 1958, 1960, 1966; Ed. Com. (News), 1959-; V. Pres., 1970; Pres. 1972. OTHER: Lorquin Entomol. Soc., 1927-; Sec., 1937-48; Pres., 1948-57; Treas., 1959-69;



hon. longest active mem., 1968; Hon. Life Mem., 1970. So. Calif. Acad. Sci., 1938-; Hon. Life Mem., 1963; Asst. Sec., 1949-65; Membership Sec., 1951; Sec., 1953; bd. directors, 1953-65. Soc. Syst. Zool., 1951-. Western Reg. Conf. Amer. Assoc. Mus., Charter Mem. HON.: Man of the Year, 1958, Optimist Club, Los Angeles, Calif. PATRONYMS: *Colias harfordii martini* Gunder, 1931; *Boloria ingens martini* Gunder, 1934; *Megathymus yuccae martini* Stallings & Turner, 1943; *Chlorochlamys martinaria* Sperry, 1948; *Philotes batoides martini* Mattoni, 1954; *Plumipalpia martini* Munroe, 1961; *Hesperia pahaska martini* MacNeill, 1966; *Cisthene martini* Knowlton, 1967; *Papilio indra martini* Emmel & Emmel, 1966. CONTRIB.: Bull S Calif Acad Sci.

MATHER, Bryant, 213 Mt. Salus Drive, Clinton, Mississippi,

USA. Lepidoptera of Mississippi. 27 December 1916. EDUC.: A.B., Johns Hopkins Univ., 1936; grad. work, *ibid.*, and at Amer. Univ. M. Katharine Kniskern, 27 March 1940. LEPID. SOC.: Charter/Life Mem.; Ed. Com. (*News*), 1959-; Nom. Com., 1969; M-a-1 Ex. Council, 1970-72. OTHER: Amer. Assoc. Adv. Sci., Fellow; Amer. Inst. Biol. Sci.; Amer. Mus. Nat. Hist., Life Mem., 1969, Assoc. Patron, 1972; Can. Entomol.

Soc.; Fla. State Coll. Arthropods, Res. Assoc., 1969; Lepid. Res. Foundation; Miss. Acad. Sci.; Nat. Hist. Soc. Md.; Phi Beta Kappa; Sigma Xi; Gamma Alpha; Amer. Concrete Institute, Pres. 1963-64. PATRONYMS: *Chimoptesis matheri* Powell, 1964; *Neohermes matheri* Flint, 1965; *Microcrambus matheri* Klots, 1968; *Enosis matheri* Freeman, 1969; *Calephelis matheri* McAlpine, 1971. CO-AUTH.: The Butterflies of Mississippi, 1958. CONTRIB.: Lepid News; J Lepid Soc; J Res Lepid; Md Nat; J Miss Acad Sci.

MC DUNNOUGH, James Halliday (Ph.D.), (1877-1962). (Obit., biblio., and portrait, *J. Lepid. Soc.* 16:209-228.) Taxonomy (proposed almost 1500 names). 10 May 1877, Toronto, Ontario, CANADA; d. 23 February 1962. EDUC.: M.A., Queen's Univ., Kingston, Ontario, 1909; Ph.D., Kaiser Wilhelm Inst., Berlin, Germany, 1909. M. Margaret Berteles, 22 October 1909. LEPID. SOC.: Charter Mem.; Pres. pro temp., 1950; Pres., 1951; Hon. Life Mem., 1952. OTHER: Amer. Mus. Nat. Hist., Res. Assoc., 1946; Nova Scotia Mus. Sci., Res. Assoc., 1950; Entomol. Soc. Amer., Fellow; Roy. Soc. Can., Fellow; N.Y. Entomol. Soc., Honorary Mem.; Can. Entomol., Editor 1921-38. PATRONYMS: *Euphydryas colon* ab. "mcdunnoughi" Gunder, 1928; *Hemaris diffinis mcdunnoughi* Clark, 1927; *Euxoa mcdunnoughi* Cook; *Catocala mcdunnoughi* Brower. AUTH.: Checklist of the Lepidoptera of Canada and the United States of America, Part 1, Macrolepidoptera, 1938, Part 2, Microlepidoptera, 1939, Mem. So. Calif. Acad. Sci. 1 (1) and 2 (1). CONTRIB.: 313 papers, of which 213 appeared in Can Entomol; the remainder in some 23 other scientific journals.



MC GUFFIN, William Clayton (Ph.D.), Entomol. Res. Inst.,



Ottawa, Ontario, CANADA. Biology, ecology, morphology, and systematics. 14 February 1913, London, Ontario. EDUC.: B.A., Univ. Western Ontario, 1936; M.A., ibid., 1937; Ph.D., Univ. Minnesota, 1954. M. 27 May 1939. CH.: William Cecil. LEPID. SOC.: M-a-1 Ex. Council, 1969-71; Nom. Com., 1971. OTHER: Entomol. Soc. British Columbia; Can. Entomol. Soc.; Entomol. Soc. Ontario; Professional Inst. Pub. Serv.

Can.; Soc. Study Evolution. CONTRIB.: About 30 papers, published in Can Entomol; Mem Entomol Soc Can (8, 50, 86); J Lepid Soc.

MILLER, Lee D. (Ph.D.), Allyn Mus. Entomol., Sarasota,



Florida, USA. Life histories, zoogeography, taxonomy, morphology. 1 June 1935, Des Moines, Iowa. EDUC.: A.B., Univ. Iowa, 1960; M.S., Univ. Pittsburgh, 1963; Ph.D., ibid., 1965. M. Jacqueline Y. Sessi, 15 April 1968. LEPID. SOC.: Ed. Com. (News), 1961-69; Region. Coord. (Ann. Summary), 1964-68; Ed. (Supplements), 1971-; Ed. Com. (Journal), 1972-; Sec. 1972-. OTHER: U.S. Dept. Agric., Plant Pest Control

Div., Inspector, 1960-61; Carnegie Museum, Section of Insects & Spiders, Curatorial Asst., 1962-65; Catholic Univ. Amer., Asst. Prof., 1965-68; Carnegie Mus., Res. Assoc., 1965-; Allyn Found. and Allyn Mus. Entomol., Curator, 1968-; Field Mus. Nat. Hist., Res. Assoc., 1971-; J. Res. Lepid., Assoc. Ed., 1971-; Bull. Allyn Mus. Entomol., Ed., 1971-; Royal Entomol. Soc. Lond., Fellow; Soc. Syst. Zool.; Amer. Entomol. Soc.; Soc. Study Evolution. EXPED.: Mexico (1961, 66, 67, & 69). AUTH.: Experimental Entomology, with K. W. Cummins, N. A. Smith, and R. M. Fox, Reinhold, New York, 1965. MONOG.: Family Hesperiidae, in The Butterflies of Liberia, Mem Amer Entomol Soc (19), 1965. The Higher Classification, Phylogeny and Zoogeography of the Satyridae (Lepidoptera), Mem Amer Entomol Soc (24), 1968. CONTRIB.: About 30 scientific papers, published in Ann Carnegie Mus; Bull Allyn Mus; Bull Inst franc d'Afrique Noire; Diss Abstr; Entomol News; J Lepid Soc; J Res Lepid; Mem Amer Entomol Soc; Science; Trans Amer Entomol Soc.

MUNROE, Eugene Gordon (Ph.D.), Lepid. Sec., Biosyst. Res.



Inst., Canada Dept. Agric., Ottawa, Ontario, CANADA. Systematics, biogeography (Pyraloidea, Rhopalocera, Saturniidae). 8 September 1919, Detroit, Michigan. EDUC.: B.Sc., McGill Univ., 1940; M.Sc., ibid., 1941; Ph.D., Cornell Univ., 1947. M. Isobel Margaret Douglas, 1944. CH.: Janet Gordon, 1945; Donald Douglas, 1946; Susan Margaret, 1950; Elizabeth Anne, 1954. LEPID. SOC.: Charter Mem.; Nom. Com., 1951, 1952 (chm), 1955 (chm); Assoc. Ed. (*News/Journal*) 1951-53; Ed. Com. (*Journal*) 1955-65; Ed. Bd., 1964-; Pres., 1959; Hon. Life Mem., 1972; V. Pres., 1973. OTHER: Privy Council Off. Canada, Sci. Secretariat, 1965-68; Sci. Advisor, 1965-67; Princ. Sci. Advisor & Head of Studies, 1967-68. MacDonald College, Quebec, Inst. Parasit., Lecturer & Res. Asst., 1947-50. Amer. Assoc. Adv. Sci.; Assoc. Tropical Biol.; Entomol. Soc. Amer.; Can. Soc. Zool.; Can. Entomol. Soc., Ed. 1958-61, Pres. 1964; Entomol. Soc. Quebec; Ottawa Field-Naturalists' Club; Roy. Entomol. Soc. Lond.; Roy. Soc. Canada, Fellow, Rapporteur, 1969-70 (Anim. Biol. Subj. Div.); Sigma Xi. PATRONYMS: *Ludia orinoptena monroei* [sic] Rothschild & Jordan, 1936; *Munroeria Marion*, 1954; *Munroeria Amsel*, 1956 [nec Marion]; *Munroessa Lange*, 1956; *Munroodes Amsel*, 1957 (replacement name for *Munroeria Amsel*). AUTH.: Fac. 13.1A, Scopariinae, Nymphulinae in Moths of America North of Mexico; Fac. 13.1B, Odontiinae, Glaphyriinae, ibid.; Fac. 13.1C, Evergestinae, ibid. CONTRIB.: More than 160 papers, dealing largely with the Pyralidae, and published in Ann Entomol Soc Amer; Amer Mus Novit; Bull Zool Nomenclature; Can Entomol; Entomol News; Entomologist; J Econ Entomol; J Lepid Soc; J NY Entomol Soc; Lepid News; Pacific Insects Monogr; Proc Entomol Soc Wash; Proc Int Cong Entomol; Rev Can Biol; Rev Fr Entomol; Science; Tijdsch Entomol; and others.

NEKRUTENKO, Yuri Pavlovich (Ph.D.), Senior Res. Staff, Ukrainian Res. Inst. Plant Protection, Kiev 127, Ukraine, USSR. Taxonomy. 20 April 1936, Kiev, Ukraine, USSR. EDUC.: Grad., Kiev State Univ., 1962; Ph.D., Ukrainian Acad. Agr. Sci., 1969. M. 1961, one dt. 2nd M., 1970. LEPID. SOC.:

M-a-1 Ex. Council, 1969-71. OTHER: Lepid. Res. Foundation; Ukrainian Entomol. Soc.; Polish Entomol Soc.; Assoc. Romana di Entomol. Served with Inst. Geol. Sci., Acad. Sci., Ukrainian S.S.R., 1962-67; Ukrainian Res. Inst. Plant Protection, 1967-. MONOG.: Phylogeny and Geographical Distribution of the Genus *Gonepteryx* (Pieridae), 1968. CONTRIB.: About 35 papers, published in Abh Ber Naturkundemus Goerlitz; Biol Nauki; Dopov Akad Nauk Ukr Rsr; Dtsch Entomol Z; J Res Nature (Lond); Paleontol Zh; Proc Int Cong Zool; Zool Zh; and others.

NEWCOMER, Erval Jackson, 1738 Naomi Place, N.E., Seattle, Washington, USA. Biology, distribution (Pacific Northwest Rhopalocera). 5 May



1890, Oregon, Illinois. EDUC.: A.B. (Entomol.), Stanford Univ., 1911. M. 1913, four ch. LEPID. SOC.: Ed. Com. (News) 1961-64, 1971-72; Ed. Bd. (Journal) 1965-69; Ed. News, 1964-70. OTHER: Lepid. Res. Foundation; U.S. Dept. Agr., Entomologist, 1914-55. CONTRIB.: Many papers and bulletins, mostly on fruit insect pests and Rhopalocera.

NICOLAY, Stanley S. (Col., U.S. Marine Corps, Ret.), Virginia Beach, Virginia, USA. Taxonomy (Lycaenidae, Hesperiidae). 14 March 1917, Colfax, Washington. EDUC.: B.S., Univ. Washington, 1940; Naval Officer and Aviator, May 1941. M. Lillian Emily Dozier, 31 March 1942. CH.: Michael D.; Stephen C.; Joseph J. LEPID. SOC.: Charter/Sustaining Mem.; Treas., 1969-74; Pres. 1976. PATRONYMS: *Calycopis nicolayi* Field, 1967. CONTRIB.: A number of papers describing new taxa of Hesperiidae and Lycaenidae, published in J Lepid Soc.

OBRAZTSOV, Nikolai Sergeevich (Ph.D.) (1906-1966). (Obit., biblio. and portrait, J. Lepid. Soc. 20:255-265.) Micro-lepidoptera taxonomy (Ctenuchidae, Tortricidae). 18 August 1906, Rostov on the Don, RUSSIA; d. 6 May 1966, Sea Cliff,

New York, USA. EDUC.: Inst. Pedagogy, Nikolaev, Russia, 1934; Ph.D., Univ. Munich, Germany, 1951. M. Vera Nikolaevna Obraztsova, 1934. CH.: One s. and one dt. LEPID. SOC.: Sustaining Mem.; M-a-1 Ex. Council, 1955-57; Ed. Com. (*Journal*), 1958-63. OTHER: U.S. Nat. Mus. and Amer. Mus. Nat. Hist., Res. Assoc. CONTRIB.: Published 139 papers in English, French, German, Latin, Polish, Russian, and Ukrainian.

 OGATA, Masami (D.M.Sc.), Osaka, JAPAN. Morphology (genitalia). 10 July 1922, Osaka, JAPAN. EDUC.: M.D., Kyoto Univ., 1946; D.M.Sc., ibid., 1953. M. 22 January 1959. CH.: Mari; Miyuki; Masato (2 dts., 1 s.). LEPID. SOC.: M-a-1 Ex. Council, 1970-72. OTHER: Entomol. Soc. Amer.; Lepid. Soc. Japan; Entomol. Soc. Japan. PATRONYMS: *Callygris compositata* ab. "ogatai" Inoue, 1954. AUTH.: *Icones Heterocerorum Japonicorum in Coloribus Naturalibus (Noctuidae & Agaristidae)*, 1958, Hoikusha, Osaka; 2nd ed., 1971. CONTRIB.: More than 30 papers published in Ann Entomol Soc Amer; J Lepid Soc; Trans Lepid Soc Japan.

PHILIP, Kenelm W. (Ph.D.), Assoc. Prof. Physics, Geophysical Inst., Univ. Alaska, College, Alaska, USA. Life histories, ecology (Arctic Rhopalocera). 6 November 1931, Staten Island, New York. EDUC.: B.S., Yale College, 1953; M.S., Yale Univ., 1958; Ph.D., ibid., 1963. M. Betty Anne Phillips, 26 July 1958. CH.: Mary Van Ness. LEPID. SOC.: Ed. Com. (*News*) 1970-; Coord. Ann. Summary (Z-VIII), 1969-; V. Pres., 1971. OTHER: Amer. Astron. Soc.; Amer. Assoc. Adv. Sci.; Sigma Xi; N.Y. Acad. Sci; Alaska Conserv. Soc.; Nat. Assoc. Watch & Clock Coll.; Entomol. Soc. Amer.; Univ. Alaska, Inst. Arctic Biol., Res. Assoc.; Univ. Alaska Mus., Res. Assoc. CONTRIB.: J Lepid Soc.

POVOLNÝ, Dalibor (D.Sc.), Prof. Zool., Depart. Zool., Coll. Agr., Brno, CZECHOSLOVAKIA. Zygaena, *Lithoccolletis* of central Europe. 13 November 1924, Třebíč, MORAVIA. EDUC.: Ing. Agr., Univ. Sch. Agr., Forestry & Vet. Med., Brno, 1949; Dr. techn., ibid., 1950; D.Sc., ibid., 1966. M. 2 September 1950. CH.: Drahomíra; Vladimír. LEPID. SOC.: V. Pres., 1957; M-a-1 Ex. Council, 1961-63. OTHER: Czechoslovak Entomol. Soc., Presidium, Ed. Board, Sec. Gen.

Moravian Branch; Czechoslovak Zool. Soc.; Czechoslovak Parasit. Soc.; Deutsche Entomol. Ges., Berlin; Wiener Entomol. Ges.; Soc. Syst. Zool. EXPED.: Afghanistan (1965, 66, 67 & 69). HON.: Univ. Agr. Brno, Medal De optime meritis; 50th Ann. Czechoslovak Republic, medal 1968. PATRONYMS: *Lycaena athamantis povolnyi* T.G. Howarth, (in press). AUTH.: The Members of the Genus *Zygaena* Fab. of Moravia and Silesia, Brno, 1946; The Sugar Beet Moth *Scrobipalpa ocellatella*

(Boyd), Bratislava, 1960; The Study of the Sugar Beet Moth in Czechoslovak Republic, Moskva, 1958. CONTRIB.: About 125 papers published in *Acta Entomol (Praha)*; *Acta Entomol Mus Nat Pragae (Praha)*; *Acta Faun Entomol Mus Nat Pragae (Praha)*; *Acta Mus Moraviae (Brno)*; *Acta Sci Nat Acad Sci Bohemoslovacae (Brno)*; *Acta Sci Nat Moravo-Silesiacae (Brno)*; *Acta Univ Agr Silvic*; *Ann Naturhist Mus Wien*; *Ark Zool*; *Bull Entomol Res*; *Deutsche Entomol Z*; *Entomol Tidskr*; *Folia Entomol (Brno)*; *Folia Parasitol (Praha)*; *Folia Zool (Brno)*; *J Lepid Soc*; *Syst Zool*.

POWELL, Jerry A. (Ph.D.), Prof. Entomol., Univ. California (Berkeley), USA. Biosystematics, biogeography, phylogeny & evolution (primarily microlepidoptera). 23 May 1933, Glendale, California. EDUC.: B. S. (Entomol.), Univ. Calif., Berkeley, 1955; Ph.D. (Entomol.), *ibid.*, 1961. M. Frances Crisp, 1956. CH.: One s., two dts. LEPID. SOC.: Ed. (*Journal*) 1964-69; M-a-l Ex. Council 1973-75. OTHER: Anim. Behav. Soc.; Entomol. Soc. America; Can. Entomol. Soc.; Kansas Entomol. Soc.; Pacific Coast Entomol. Soc., V. Pres., 1963, Pres., 1964, Pub. Com. (chm), 1965-68, 1972; Pan-Pacific Entomol., Asst. Ed., 1957-58, 1960-62, Acting Ed., 1959-60. HON./AWARDS: National Sci. Foundation Grants (2) 1965-70; Smithsonian Institution, Fellowship, 1970-71; Calif. Acad. Sci., Fellow, 1971. CONTRIB.: About 100 papers published in *Bull Entomol Soc Amer*; *Bull Mus Comp Zool*; *Can Entomol*; *Entomol News*; *Hilgardia*; *J Kans Entomol Soc*; *J Lepid Soc*; *J NY Entomol Soc*; *Lepid News*; *Pan-Pac Entomol*; *Proc Biol Soc Wash*; *Smithsonian Contr Zool*; *Univ Calif Publ Entomol*; *Wasmann J Biol*.



REMINGTON, Charles Lee (Ph.D.), Dept. Biol., Yale Univ., New Haven, Connecticut, USA. Genetics, evolution, adult & immature biology and taxonomy. 1922, Reedville, Virginia. EDUC.: B.S., Principia Coll., Ill., 1943; Ph.D., Harvard Univ., 1948; Guggenheim Fellow, Oxford Univ., 1958-59. M. Jeanne Ehrenborg, 1946. CH.: Eric; Janna; Sheldon. LEPID. SOC.: Co-founder; first Treas. & Gen. Mgr., 1947-50; Co-editor, 1947; Ed.-in-Ch., 1948-63; Nom. Com., 1951 (chm); Ed. Bd., 1964- (chm); Hon. Life Mem., 1966; Pres., 1971. Received hand engraved Certificate of Merit, in recognition of his unceasing efforts in behalf of the Society, 28 Dec. 1957. OTHER: Sigma Xi; Royal Entomol. Soc. Lond.; Finnish Entomol. Soc.; Soc. Study Evol.; Genetics Soc. Amer.; Ecol. Soc. Amer.; Zero Population Growth, V. Pres., 1970?; Council Pop. & Environ., Bd. Directors, 1971. PATRONYMS: *Erebia epiposodea remingtoni* Ehrlich, 1952; *Euphydryas editha remingtoni* Burdick, 1959. CONTRIB.: Many papers dealing with genetics and hybridization, published in Adv Genet; Ann Rev Entomol; Bull Brooklyn Entomol Soc; Entomol News; Evol Biol; J Lepid Soc; Lepid News; Postilla; Proc (XVI) Int Cong Zool; Psyche J Entomol; Trans Ill State Acad Sci; Yearbook Amer Philos Soc; and others.

RILEY, Norman Denbigh, 7 McKay Road, Wimbledon, London S.W. 20, ENGLAND. Taxonomy (Rhopalocera).

26 September 1890, London, ENGLAND. EDUC.: Dulwich College, 1904-09. M. Edith Vaughan, 6 May 1920. CH.: John; Pauline. MIL. SVC.: Comm. August 1914, served 1914-1918; promoted to Captain, 1916. LEPID. SOC.: Charter Mem.; M-a-1 Ex. Council, 1951-52; V. Pres., 1954; Pres., 1958. OTHER: The Entomologist, Ed., 1924-1960; Roy. Entomol. Soc. Lond., Sec., 1926-29;



Treas. 1939-40; Sec. 1941-50; Pres. 1951-52; Hon. Fellow 1957-; Zool. Soc. Lond., former mem. of Council; V. Pres.; Int. Union Biol. Sci., former Sec. of Entomol. Sect.; Int. Entomol. Cong., Sec. Permanent Com. 1948-56; Amer. Mus. Nat. Hist., Corresp. Mem.; British Mus. (Nat. Hist.) Dept. Entomol., Keeper, 1932-1955; Soc. Promotion Nature Reserves, Sec., 1952-68, Treas. 1968-72; Int. Comm. Zool. Nomenclature, Commissioner, 1950-60; Philadelphia Acad. Sci. HON. MEM.: Entomol. Soc. France, Entomol. Soc. Belgium, Entomol. Soc. Quebec, So. Lond. Entomol. & N. H. Soc., Pres. 1924-25. AUTH.: Some British Moths, Penguin Books, 1944. Insects in Colour, Blandford, 1963. Field Guide to the Butterflies of

Europe, with L. G. Higgins, Collins, 1970. CONTRIB.: Many papers, published in numerous scientific journals; describing about 50 new species of Rhopalocera.

RINDGE, Frederick H. (Ph.D.), Curator Lepid., Dept. Entomol., Amer. Mus. Nat. Hist., New York, USA. Taxonomy, life histories (Geometridae). 1 January 1921, Los Angeles, California. EDUC.: B.S., Univ. Calif., Berkeley, 1942; Ph. D., ibid., 1949. M. Phyllis Jane Denton, 1943. CH.: Janet; Barbara; Marguerite. LEPID. SOC.: Charter Mem.; 1st Sec., 1951-54; Nom. Com., 1956 (chm), 1959; 1st V. Pres., 1960; Pres., 1965. OTHER: Los Angeles Co. Nat. Hist. Mus., Res. Assoc., 1973; Amer. Assoc. Adv. Sci., Fellow; Amer. Mus. Nat. Hist., Assoc. Benefactor, 1970; N. Y. Entomol. Soc.; Pacific Coast Entomol. Soc.; Sigma Xi; So. Calif. Acad. Sci., Fellow; Soc. Study Evolution. PATRONYMS: *Drepanulatrix rindgearia* Sperry, 1948; *Chaetophlepsis rindgei* Reinhard, 1952; *Pyrausta unifascialis rindgei* Munroe, 1957; *Aphelia alleniana rindgeorum* Obraztsov, 1959; *Lozotaenia rindgei* Obraztsov, 1962; *Agathymus rindgei* Freeman, 1964; *Udea itysalis rindgeorum* Munroe, 1966; *Gamelia rindgei* Lemaire, 1967; *Decinea rindgei* Freeman, "1968" (1969); *Nemoria rindgei* Ferguson, 1969; *Napeogenes ithra rindgei* Fox & Real, 1971; *Orgyia definita rindgei* Riotte, 1972; *Gesneria rindgeorum* Munroe, 1972. CONTRIB.: More than 70 papers, including 25 generic revisions, published in Amer Mus Novit; Ann Carnegie Mus; Bull Amer Mus Nat Hist; Bull Zool Nomenclature; J Lepid Soc; J NY Entomol Soc; Lepid News; Pan-Pac Entomol; Proc Calif Acad Sci.

RIOTTE, Jules Charles Emile (Rev.), Res. Assoc., Entomol., Roy. Ontario Mus., Toronto, CANADA.



Holarctic Sphingidae and Notodontidae. 22 April 1901, Europe. EDUC.: L.Th., Wroclaw; M.A., Univ. Montréal. LEPID. SOC.: Sustaining Mem.; M-a-l Ex. Council, 1961-63. OTHER: Parish Priest, northern Ontario; Econom of Eparchy of Toronto, 1962-; Roy. Ontario Mus. (Entomol.), Res. Assoc., 1962-; Michigan Entomol. Soc., Toronto-Ontario Branch, Chairman, 1967-; Toronto Entomol. Assoc., Occasional Pub., Chm. Ed. Board, 1970-; Mem. other entomol. soc. in Canada, USA and Europe. CONTRIB.: About 40 papers, published in Beitr Entomol; Dtsch Entomol Z; Entomol Z; J Lepid Soc; J Res Lepid; Lepid News; Life Sci Contr Roy Ontario Mus; Mich Entomol; Ont

Field Biol; Proc Entomol Soc Ont; Mid-Cont Lepid Ser.

SARGENT, Theodore David (Ph.D.), Prof., Dept. Zool., Univ. Massachusetts, Amherst, USA. Behavior, ecology (especially *Catocala*). 25 October 1936, Peabody, Mass. EDUC.: B.S., Univ. Mass., 1958; M.S., Univ. Wisconsin, 1960; Ph.D., ibid., 1963. M. Katherine A. Doktor, 19 March 1966. CH.: David E.; Meryl A. LEPID. SOC.: Ed. *Journal*, 1972-74; V. Pres., 1976. OTHER: Amer. Assoc. Adv. Sci.; Amer. Ornith. Union; Anim. Behav. Soc.; British Ornith. Union; NY Entomol. Soc.; Northeastern Bird-Banding Assoc.; Soc. Study Evolution. AWARDS/HON.: Phi Eta Sigma, 1955; Phi Kappa Phi, 1958. AUTH.: Legion of Night: The Underwing Moths. 1976. U. Mass. Press. CONTRIB.: About thirty papers, published in Anim Behav; Auk; J Lepid Soc; J NY Entomol Soc; Nature (Lond); Science; and others.

SEVASTOPULO, Demetrius George, P.O. Box 5026, Mombasa, KENYA. Life histories, genetics. 18 September 1903, London, ENGLAND. EDUC.: Stanmore House Prep. Sch.; Haileybury Coll. M. 5 March 1940. CH.: George Demetrius, 1941; John Demetrius, 1942; Marigo Anne, 1951. LEPID. SOC.: V. Pres., 1967. OTHER: Roy. Entomol. Soc. Lond.; British Entomol. & Nat. Hist. Soc., Life Mem.; Bombay Nat. Hist. Soc., Life Mem.; Bengal Nat. Hist. Soc., Life Mem. PATRONYMS: *Leucoma sevastopuloi* Collenette, 1955; *Soritia sevastopuloi* Tremewan, 1959; *Sevastopuloa* (Lymantriidae) Collenette, 1960; *Rhodometra sevastopuloi* Carcasson, 1964. CONTRIB.: More than 300 papers published in Entomologist; Entomol Mon Mag; Entomol Rec & J Var; J Bengal Nat Hist Soc; J Bombay Nat Hist Soc; Trans Roy Entomol Soc Lond; Trans So Lond Entomol Soc; J East African Nat Hist Soc (Nature in E Africa); J Lepid Soc.

STALLINGS, Don Brigg (Juris Dr.), Caldwell, Kansas, USA. Racial speciation (Megathyminidae). 4 August 1910, Oswego, Kansas. EDUC.: LL.B., Univ. Kansas, 1933; Juris Dr., ibid., 1968. M. Viola N. Turner, 30 January 1933. CH.: Don B. Jr.; John Reuben. LEPID. SOC.: Charter/Sustaining Mem.; 1st Coordinator, Ann. Summary (Reg. IV), 1947; Sec., Organization Comm., 1950; M-a-1 Ex. Council, 1954-56; V. Pres., 1959; 1st V. Pres., 1963; Pres., 1966-67. OTHER: Yale Univ., Peabody Mus. Nat. Hist., Res. Affl. (Entomol.), 1963- Central States Entomol. Soc.; Ecol. Soc. Amer.; Entomol. Soc. Amer.; Soc. Syst. Zool. PATRONYMS: *Celaenorrhinus stallingsi* Freeman, 1946; *Stallingsia* Freeman, 1958 (1959); *Calephelis stallingsi* McAlpine, 1971. CONTRIB.: Thirty-

five papers, largely on the Megathymidae, published in Bull So Calif Acad Sci; Can Entomol; Proc Denver Mus Nat Hist; Entomol News; J Lepid Soc; J Kans Entomol Soc; Lepid News; Pan-Pac Entomol.



SUOMALAINEN, Esko (Ph.D.), Prof., Inst. Genetics, The Univ., Helsinki, FINLAND. Genetics, Cytology, Lepidoptera of Scandinavia. 11 June 1910, Helsinki, FINLAND. EDUC.: M.Sc., Univ. Helsinki, 1934; Ph.D., ibid., 1940. M. Tellervo Tynni, 1943. CH.: Kaarina, 1944; Olavi, 1947. LEPID. SOC.: V. Pres., 1966. OTHER: Univ. Helsinki, Lect. genetics, 1941-48, Prof., 1948-, Dept. Head, 1949-; Kaiser Wilhelm-Inst. Biol., Berlin-Dahlem, Invit. sci., 1942-43; Univ.

Lund (Sweden), Visit. Prof., 1954; Academy of Finland, Sec., 1951-56; United Nations Educ., Sci. & Cultural Organization, Finnish Nat. Commis., V. Pres., 1957-65, Pres., 1965; Finn. Acad. Sci. & Letters, Sec. of Sci., 1951-64; Sec. Gen., 1964-70; Soc. Sci. Fenniae; Roy. Physiographic Soc. Lund; Roy. Danish Acad. Sci. & Letters; Amer. Assoc. Adv. Sci.; Amer. Soc. Human Genet.; Deutsche Ges. Genetik; Deutsche Ges. Vererbungswissenschaft; Entomol. Soc. Copenhagen; Entomol. Soc. Finland, Council Mem., 1937-62; V. Pres., 1948-62; Entomol. Soc. Lund; Finn. Biol. Soc. Vanamo, Council Mem., 1938-61; Sec., 1942-45; Finn. Lepid. Soc., Pres., 1955-; Scandinavian Assoc. Genet., Council Mem., 1960-; V. Pres., 1971-; Scandinavian Soc. Cell Biol.; Soc. Bio-chemica, Biophysica et Microb. Fenn.; Soc. Genet. Fenn., V. Pres., 1944-65; Pres., 1965-; Soc. Geogr. Fenn.; Soc. Gerontologica Fenn., Council Mem., 1958-59; Soc. pro Fauna et Flora Fenn. ED.: Ann Acad Sci Fenn A IV Biol; Ann Zool Fenn; Ann Bot Fenn. ED. BD.: Caryologia; Exp Cell Res; Hereditas; Luonnon Tutkija; Not Entomol; Valvoja; Z Zool Syst Evolutionsforsch. Cytologia (Tokyo), Standing Collab. CONTRIB.: Many papers, published in more than 30 scientific journals.

THORNE, Fred T., El Cajon, California, USA. Life histories of Nearctic Rhopalocera. 25 June 1909, Casper, Wyoming. EDUC.: San Diego State Coll., 1937-41. M. Dorothy Mary Argo, 1931. CH.: Valerie Barbara, 1932; Diana Patricia, 1939. LEPID. SOC.: Charter/Sustaining

Mem.; 1st V. Pres., 1958; M-a-l Ex. Council, 1967-69; Ed. Com. (*Journal*), 1957-69; Assoc. Ed. (*Journal*) (Especially for collectors) 1957-66; Ed. Com. (*News*), 1960, 1965-69; Regional Ed., Ann. Summary (Z-I), 1961-69; Program Com. (Pacific Slope Sec. meetings) 1954-56, 1960, 1965, 1969; Program Com. (Nat. meetings) 1953, 1962. OTHER: Entomol. Soc. Amer.; Los Entomologos; Lepid. Res. Foundation; Lorquin Entomol. Soc; San Diego Nat. Hist. Soc., Fellow.

CONTRIB.: Bull So Calif Acad Sci; J Lepid Soc; J Res Lepid; Los Entomol; Mid-Cont Lepid Ser.

TILDEN, James Wilson (Ph.D.), Prof. Emeritus Entomol., San Jose State Coll., California, USA. Taxonomy (Rhopalocera western USA). 31 December 1904, Philo, Calif. EDUC.: A.B., San Jose State Coll., 1942; M.S., Stanford Univ., 1947; Ph.D., *ibid.*, 1948. M. Hazel I. Miller, 19 June 1943. CH.: James W. Jr.; Bruce A.; Janice E. LEPID. SOC.: Charter Mem.; M-a-l Ex. Council, 1957-59; Ed. Bd. and Ed. (*News*), 1959-64; V. Pres., 1970. OTHER: Amer. Mus. Nat. Hist., Assoc. Mem.; Calif. Acad. Sci., Fellow, 1968; Calif. Tomorrow; Coleopterists' Soc.; Entomol. Soc. Amer.; Lepid. Res. Foundation, Charter; National Geog. Soc.; Pac. Coast Entomol. Soc., Pres., 1960; Soc. Syst. Zool; Western Soc. Naturalists. PATRONYMS: *Hesperia tildeni* Freeman, 1956; *Philotes enoptes tildeni* Langston, 1964. CO-AUTH.: Yosemite Butterflies, 1963. AUTH.: Butterflies of the San Francisco Bay Region, 1965. CONTRIB.: About 50 papers, published in Bull So Calif Acad Sci; Calif Vector Views; Coleopt Bull; Entomol News; J Lepid Soc; J Res Lepid; Lepid News; Microentomology (NY); Pan-Pac Entomol; Syst Zool; Turtox News; Wasmann J Biol.

TRAVASSOS, Lauro Pereira (Prof.) (1890-1970). (Obit. and portrait, *Atas Soc. Biol. Rio de Janeiro*, 15(1), 1971). 2 July 1890, Angra dos Reis, Rio de Janeiro, BRAZIL; d. 20 November 1970. LEPID. SOC.: Charter Mem.; Organization Com., 1950; Pres., 1955. OTHER: Inst. Oswaldo Cruz, Medical Zool. Div., Director; Nat. Veterinary Sch. Med.,



Univ. Sao Paulo, Cathedratic Prof., Parasitology; Univ. Federal Dist. Sch. Sci., Prof. Zool.; Brazilian Acad. Sci.; National Acad. Med.; Soc. Biol. Rio de Janeiro, Founder; Soc. Entomol. Brazil; Brazilian Soc. Progress Sci.; Helminth. Soc. Washington; Zool. Soc. Lond.; Acad. Nazionale dei Lincei. HON.: Alfred Jouzickowski prize, National Acad. Med., 1968; hon. mention, Oswaldo Cruz prize, 1970. MONOG.: Revision of the family Trichostrongylidae Leiper, 1912, Monog.

1, Oswaldo Cruz Inst., 1937. Revision of the family Dicrocoelidae Odhner, 1911, Monog. 2, Oswaldo Cruz Inst., 1944. CONTRIB.: Published 440 papers on Zoology, ranging from protozoans to Arthropods, and including about 80 papers on Lepidoptera. Of these, 46 were on Arctiidae and 14 on Adelocephalidae, published in Ann Acad Bras Cienc; Arq Mus Nac Rio de J; Atas Soc Biol Rio de J; Bol Mus Nac Rio de J Zool; Bol Mus Paraense Emilio Goeldi Zool Nova Ser Zool; Mem Inst Oswaldo Cruz (Rio de J); Rev Bras Biol; Rev Entomol; Rodriguesia.



VÁZQUEZ GARCÍA, Leonila (Ph.D.), Inst. Biol., Lab. Entomol., National Autonomous Univ. Mexico, MEXICO. Rhopalocera life histories. 17 January 1914, Jiménez, Chihuahua, MEXICO. EDUC.: M.S. (Biol.), Nat. Auton. Univ. Mexico, 1936; Ph.D., ibid. 1946. LEPID. SOC.: V. Pres., 1958, 1969. OTHER: Entomol. Soc. Amer., 1939-; Mexican Soc. Nat. Hist., 1946-; Mexican Soc. Entomol., Founder 1952; Treas., 1952-63; Acad. Sci. Investig. Mexico, Founder 1959; Treas., 1959-61; Soc. Study Evolution, 1961-; Entomol. Soc. Rome, 1965-68; Mexican Soc. Genet., Founder 1967; Assoc. Tropical Biol., 1968-. AWARDS/HON.: Univ. Merit Award, 1971, Nat. Auton. Univ. Mex. (for 35 years of academic work); Entomol. Merit Award, 1971, Mexican Soc. Entomol. PATRONYMS: *Synopsia leonilaria* Hoffmann, 1936; *Heliconius charitonius vazquezae* Comstock & Brown, 1950; *Anaea (Memphis) morvus leonila* Comstock, 1961. CONTRIB.: More than 40 papers describing an equal number of new taxa, published in Ann Entomol Soc Amer; Ann Inst Biol Univ Nac Auton Mex; Mexican Entomol Folio; Publ. Geophysics Inst., Univ. Mexico.

VOSS, Edward G. (Ph.D.), Prof. Botany & Curator Vascular Plants, Univ. Michigan Herbarium, Ann Arbor, Michigan, USA. Lepidoptera of Northern Michigan, Hesperiidae of world. 22 February 1929. EDUC.: B.A. (Biol.), Denison Univ., 1950; M.A. (Biol.), Univ. Mich., 1951; Ph.D., (Bot.), *ibid.*, 1954. LEPID. SOC.: Charter/Life Mem.; Ed. Com. (*News*), 1959-62; 1st V. Pres., 1961. OTHER: Amer. Inst. Biol. Sci.; Amer. Soc. Plant Taxonomists; Intern. Assoc. Plant Taxon., Sec. Ed. Com., Intern. Code Bot. Nomen., 1969-; Sec. Gen. Com. Bot. Nomen., 1969-; Ohio Acad. Sci.; Soc. Syst. Zool.; Soc. Biblio. Nat. Hist.; Mich. Entomol. Soc.; Cranbrook Inst. Sci.; Hist. Soc. Mich.; Little Traverse Reg. Hist. Soc.; Isle Royale Nat. Hist. Assoc.; Mich. Acad. Sci.; Mich. Bot. Club, Ed., 1962-; Mich. Natural Areas Council; Mich. Parks Assoc.; Mich. United Conserv. Clubs; Fed. Ontario Nat.; Assoc. Minn. Entomol.; Amer. Mus. Nat. Hist.; Nat. Geographic Soc.; Nat. Wildlife Fed.; Wilderness Soc.; Sierra Club; Nat. Audubon Soc. HON.: Phi Beta Kappa; Omicron Delta Kappa; Sigma Xi; Phi Kappa Phi; Eta Sigma Phi; Soc. Religion Higher Educ., Kent Fellow, 1952; Univ. Mich., Emma J. Cole Fellow (Bot.), 1953-54. CONTRIB.: Amer Midl Nat; Ann Entomol Soc Amer; Encycl Britannica; J Lepid Soc; Lepid News; Mich Entomol.

WARNECKE, Georg Heinrich Gerhard (Dr. h.c.) (1883-1962) (Obituary, *News Lepid. Soc.* 1:1/63; bibliography (282 titles), *Verh. Ver. naturw. Heimatforsch* 36:7-17) Zoogeography and migration. d. 20 September 1962, Hamburg, GERMANY. LEPID. SOC.: V. Pres., 1956.



WILLIAMS, Carrington Bonsor (Sc.D.), Kirkcudbright, SCOTLAND. Insect migration, ecology. 7 October 1889, Liverpool, ENGLAND. EDUC.: B.A., Univ. Cambridge, 1911; M.A., ibid., 1916; Res. Student, John Innes Horticultural Inst., 1911-16; Sc.D., Univ. Edinburgh, 1930. M. Ellen Margaret Bain, 1920. CH.: Three s. LEPID. SOC.: Nom. Com., 1951; V. Pres., 1969; Hon. Life Mem., 1959. OTHER: Roy. Entomol. Soc. Lond., Hon. past Pres.; British Ecol. Soc., Hon. past Pres.; Amateur Entomol. Soc. (Britain), past Pres.; Netherlands Entomol. Soc., Hon. Life Mem.; Entomol. Soc. Egypt, Hon. Life Mem. AUTH.: Migration of Butterflies, 1930; Insect Migration, 1958; Patterns in the Balance of Nature, 1964; Style and Vocabulary-Numerical Studies, 1970. CONTRIB.: Numerous papers, about 60 on insect migration, published in Ann Entomol Soc Amer; Bull Soc Entomol Egypt; Entomologist; J Bombay Nat Hist Soc; J East Africa Uganda Nat Hist Soc; J Lepid Soc; Lepid News; Nature (Lond); Proc Int Cong Zool; Proc Roy Soc Lond Sec B; Trans Roy Entomol Soc Lond.

ZIEGLER, John Benjamin (Ph.D.), Summit, New Jersey, USA.



Systematics (Lycaenidae, Theclinae, Riodinidae). 2 January 1917, Rochester, New York. EDUC.: B.S., Univ. Rochester, 1939; M.S., Univ. Illinois, 1940; Ph.D., ibid., 1946. LEPID. SOC.: Sustaining Mem; Treas., 1951-52; Nom. Com., 1956, 1964, 1966. OTHER: Amer. Inst. Chem., Fellow; Lepid. Res. Foundation; N. Y. Acad. Sci. HON.: Sigma Xi; Alpha Chi Sigma; Phi Lambda Upsilon. CONTRIB.: Bull Brooklyn Entomol Soc; J Lepid Soc; J NY Entomol Soc; Lepid News.

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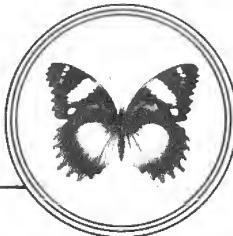
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INDICES

Information and data contained in the *News/Journal* published by the Society, during its first quarter-century of service to the world community of lepidopterists, are here indexed under three categories: author, subject, and scientific names; each is arranged in alphabetical sequence.

The Author index gives the surname first followed by given names or initials mostly. Then follows the reference citation, consisting of the volume and page number(s). If more than one paper was published by the author, the references are given in numerical sequence by volume number but only the first page of each reference is cited.

The Subject index is not a listing of published titles, but rather an index to the subject matter contained in these published papers. It is believed that such information will provide a better research tool than simply listing the numerous published titles. In most instances inclusive page references are given in this index.

The index of Scientific Names gives the species and genus in that order. Subspecies follow below but the genus is not repeated. Because generic names are frequently changed, it was thought arrangement by species would be more useful to the student. In those instances where the same species has been recorded for different genera, these too are listed in alphabetical order. No attempt has been made to correct misspellings; it was thought this was best left to the researcher. Following each species are the reference citations, again arranged in numerical sequence by volume number. As pointed out in the Introduction and in the text (p. 30), the letter S preceding a reference citation means one of the Supplement series. In volume 2-supplement (Field Season Summary, but not part of the summary per se) is a list of species and their larval food-plants by J. G. Franclemont, these are cited in the index as "2:S-viii." New taxa are shown in BOLD FACE type, including family, genus, species and subspecies which are new.

A feature of this index, not found in most indices of this kind, is the indication of published illustrations. Simply by referring to the scientific names, the reader can determine what illustrations (I), if any, were published pertaining to the species. Symbols used to denote illustrations are: (IA) adult, (IC) components - head, antennae, wing, etc., (IF) larval foodplant, (IG) genitalia, (IH) habitat, and (II) immatures. In addition, locally published larval foodplants are shown immediately below the biological species, indented four spaces. These features are demonstrated in the following examples from the index:

ABRAHAMI, *Carystoides* (IA, IG) S2:34 [The new species, *abrahami* is described in Supplement 2, page 34- and the author illustrates both the adult or imago and its genitalia.]

anguina, *Dasylophia* 2:S-viii

Robinia pseudoacacia [Here a larval foodplant is recorded. The reference cited is not one of the Supplement series but supplement to volume 2 as explained above.]

anicia, *Euphydryas* 2:92; 6:105; 8:3; 12:165; 18:228; 25:246

anicia alena 22:160

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Scientific Names

Names are arranged alphabetically by species followed by the genus except for subspecies where the latter is omitted. New taxa are shown in BOLD FACE type, including Family, Genus, Species and Subspecies which are new.

Excluded from the species index are names appearing in: Annual (Season) Summaries; the *News* (1959-72); revisions to *Memoir No. 1*; and List of the butterfly fauna of Pocas de Caldas, Minas Gerais, BRAZIL (S3, 1969). Reference citations include volume number of the *News/Journal* followed by the page number; the prefix "S" indicates Supplement series.

Illustrations are indicated by symbols in parenthesis following the name, i.e.: I= illustration; IA= adult(s); IC= components (head, antennae, wing, etc.); IF= larval foodplant; IG= genitalia; IH= habitat; II= immatures. Larval foodplants recorded in the text are given immediately below the species, indented four spaces.

ADDENDA, see last page of index to scientific names.

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